Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082919\

Quantitation Report (Not Reviewed)

Data File : BN007516.D
Acq On : 29 Aug 2019 23:29
Operator : HP/JU
Sample : K4524-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TT-013-IDWSO-20190823MSD

Quant Time: Aug 30 02:01:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5037	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	23374	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	15220	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	38508	0.40	ng		0.00
27) Chrysene-d12	21.02	240	41703	0.40	ng		0.00
34) Perylene-d12	23.11	264	39110	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	5059	0.28	ng		0.00
5) Phenol-d6	6.59	99	7967	0.35	ng		0.00
8) Nitrobenzene-d5	8.53	82	5194	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	12686	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	4190	0.53	ng		0.00
15) 2-Fluorobiphenyl	12.65	172	16028	0.26	ng		0.00
25) Fluoranthene-d10	18.84	212	31044	0.25	ng		0.00
29) Terphenyl-d14	19.46	244	35720	0.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	1896	0.227	ng	#	92
3) n-Nitrosodimethylamine	3.31	42	858	0.221	ng	#	37
6) bis(2-Chloroethyl)ether	6.83	93	5756	0.316	ng		96
9) Naphthalene	10.20	128	21111	0.316	ng	#	90
10) Hexachlorobutadiene	10.51	225	3562	0.260	ng	#	99
12) 2-Methylnaphthalene	11.83	142	15541	0.342	ng		96
16) Acenaphthylene	13.76	152	26248	0.291	ng		99
17) Acenaphthene	14.10	154	15972	0.303	ng		99
18) Fluorene	15.10	166	21963	0.330	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	3136	0.207	ng	#	88
21) Hexachlorobenzene	16.11	284	7824	0.303	ng		96
22) Pentachlorophenol	16.46	266	1427	0.178	ng	#	66
23) Phenanthrene	16.84	178	38634	0.334	ng		99
24) Anthracene	16.92	178	36150	0.310	ng		99
26) Fluoranthene	18.87	202	49742	0.334	ng		99
28) Pyrene	19.23	202	51140	0.305	ng		99
30) Benzo(a)anthracene	20.99	228	49822	0.304	ng		100
31) Chrysene	21.05	228	48022	0.304	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	50524	0.458	ng		99
33) Indeno(1,2,3-cd)pyrene	25.17	276	44050	0.231	ng		98
35) Benzo(b)fluoranthene	22.50	252	46463	0.328	ng		97
36) Benzo(k)fluoranthene	22.54	252	47270	0.338	ng	#	97
37) Benzo(a)pyrene	23.02	252	42891	0.318	ng		97
38) Dibenzo(a,h)anthracene	25.19	278	36374	0.270	ng		98
39) Benzo(g,h,i)perylene	25.80	276	36221	0.270	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

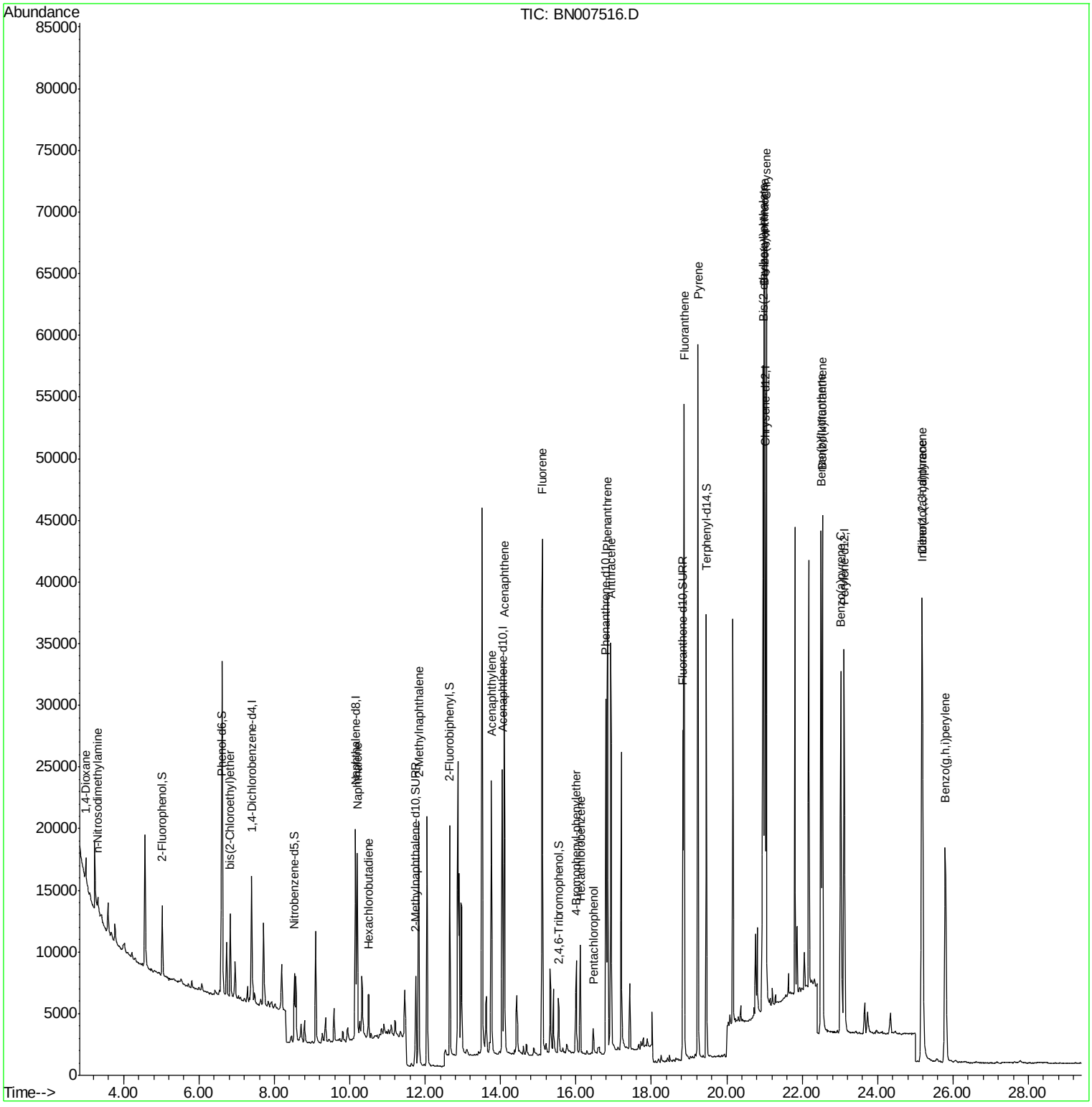
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082919\

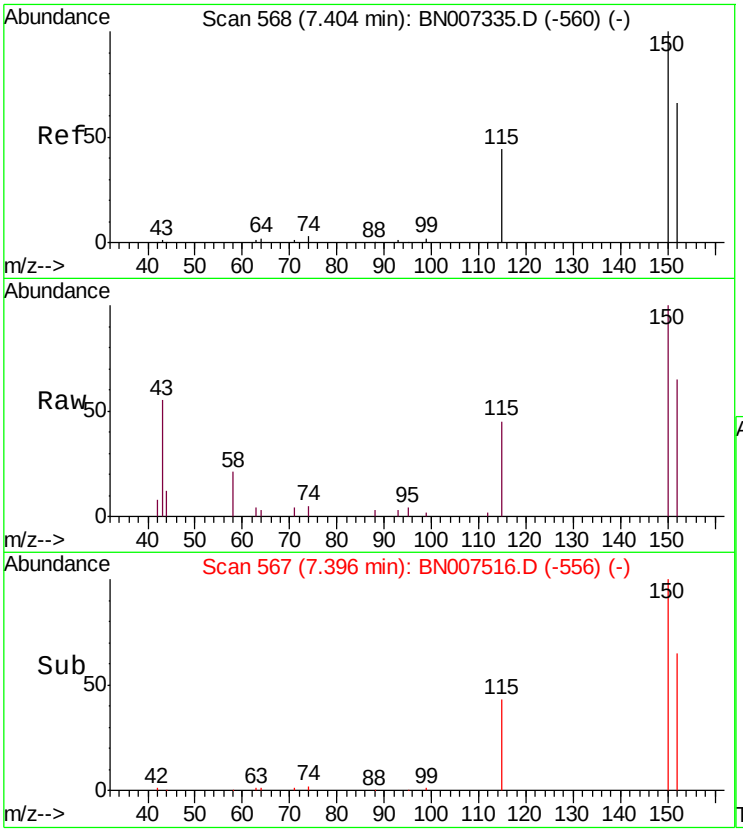
Quantitation Report (Not Reviewed)

Data File : BN007516.D
Acq On : 29 Aug 2019 23:29
Operator : HP/JU
Sample : K4524-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Quant Time: Aug 30 02:01:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



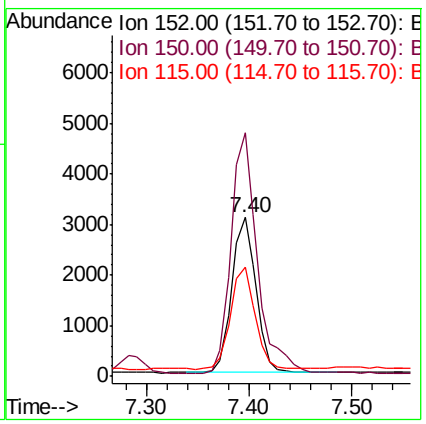


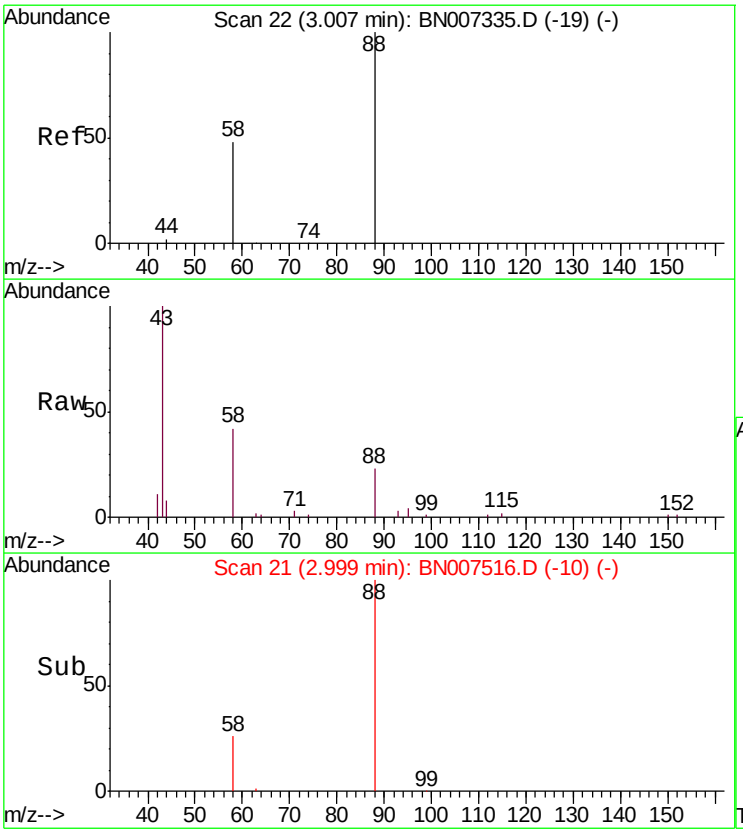
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:152 Resp: 5037

Ion	Ratio	Lower	Upper
152	100		
150	153.5	109.1	163.7
115	68.6	59.6	89.4

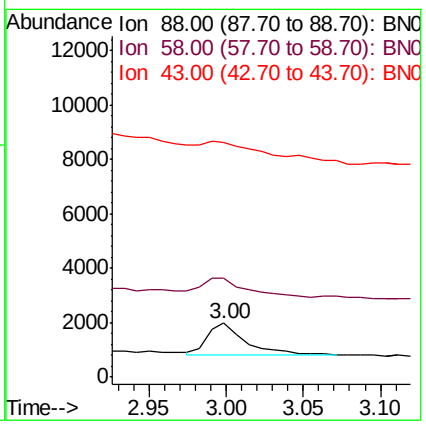


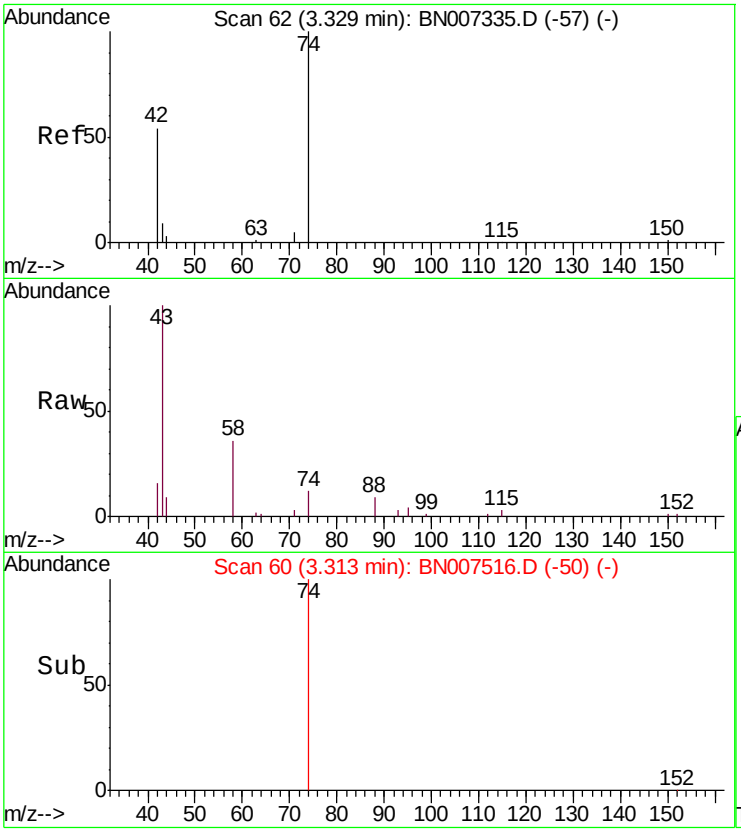


#2
1,4-Dioxane
Concen: 0.227 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion: 88 Resp: 1896

Ion	Ratio	Lower	Upper
88	100		
58	69.7	50.5	75.7
43	0.0	0.0	0.0



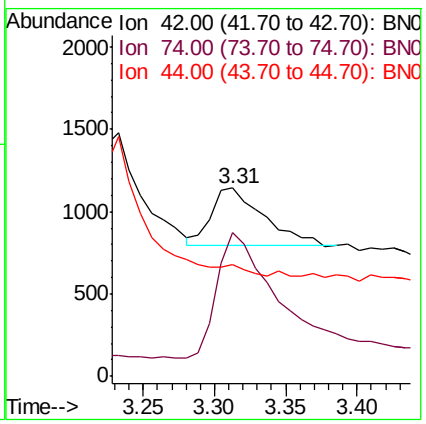


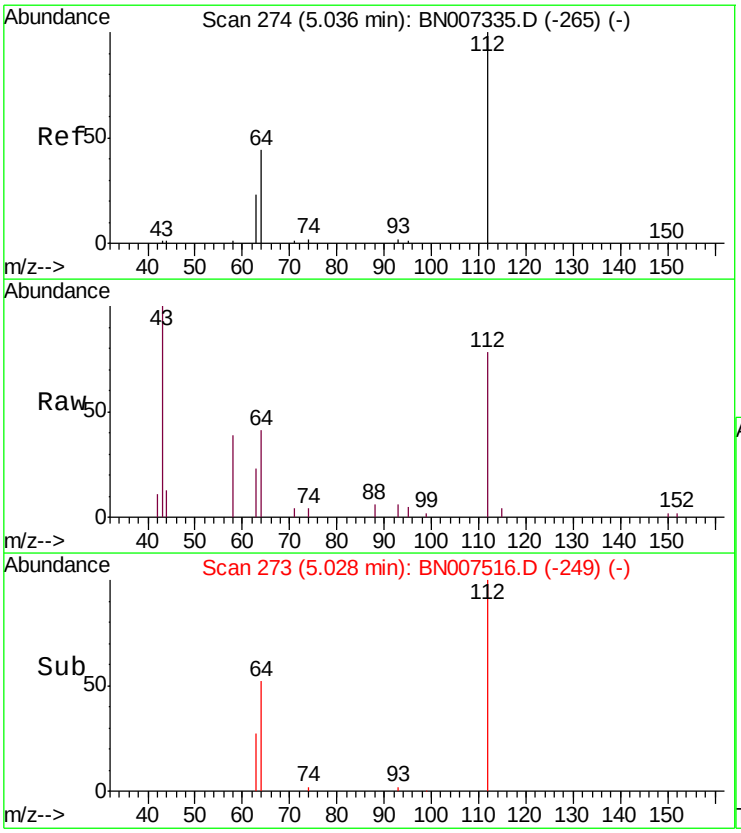
#3
n-Nitrosodimethylamine
Concen: 0.221 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion: 42 Resp: 858

Ion	Ratio	Lower	Upper
42	100		
74	272.0	144.7	217.1#
44	0.0	3.2	4.8#

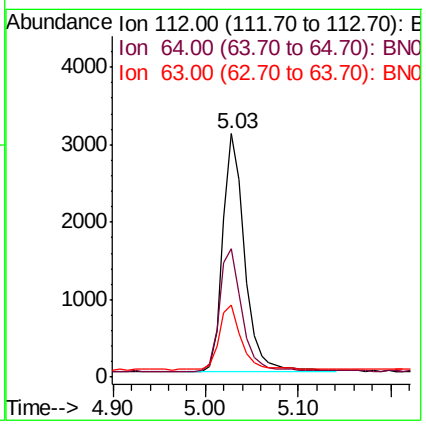


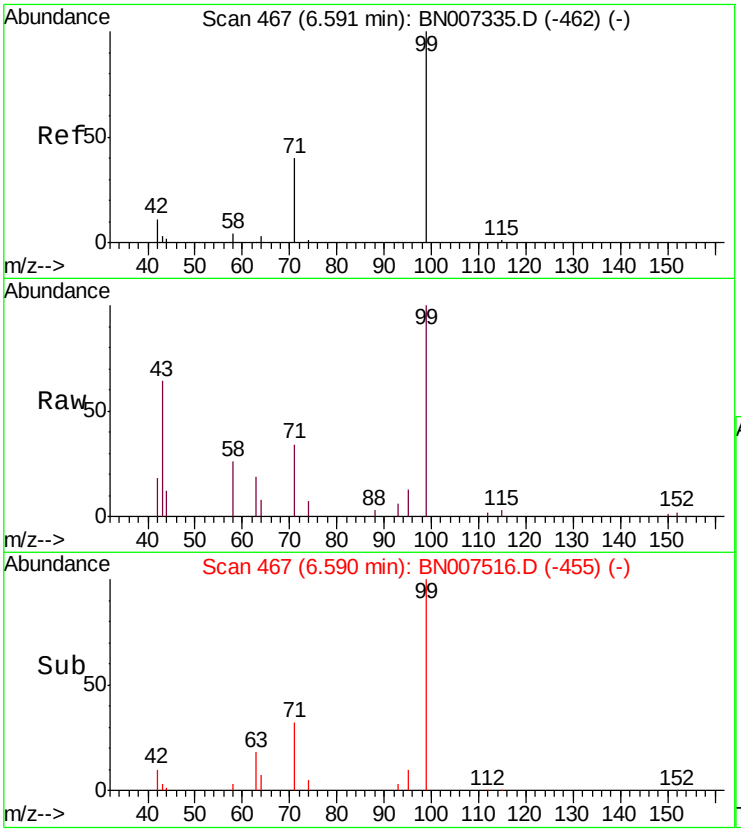


#4
2-Fluorophenol
Concen: 0.281 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:112 Resp: 5059

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.3	63.5
63	28.3	23.6	35.4



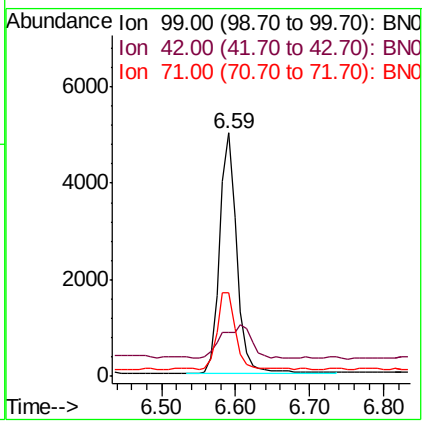


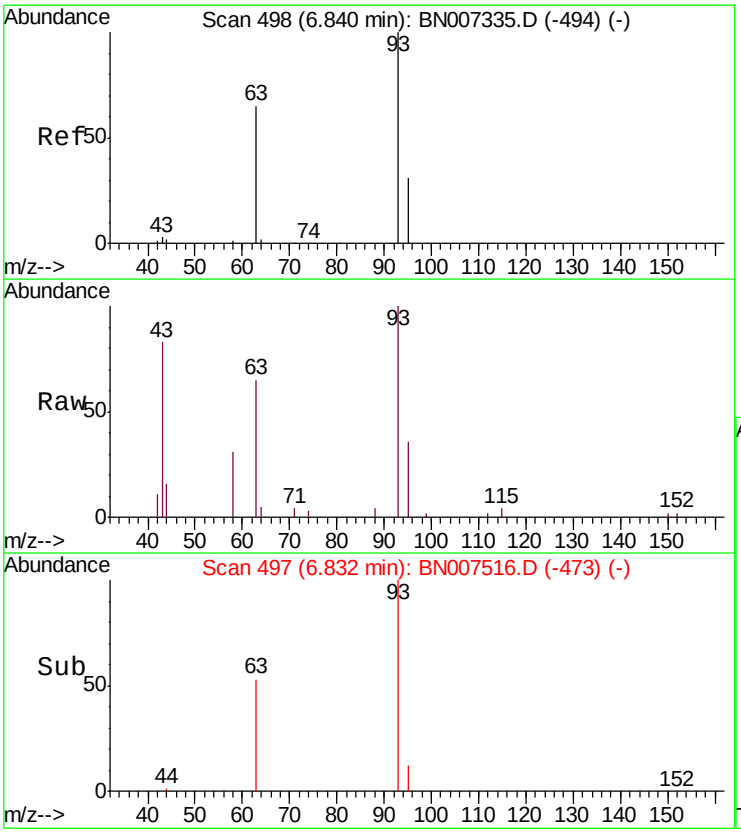
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion: 99 Resp: 7967

Ion	Ratio	Lower	Upper
99	100		
42	24.2	11.2	16.8#
71	34.3	31.8	47.8

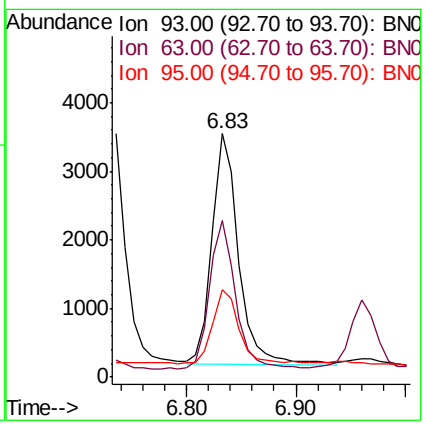


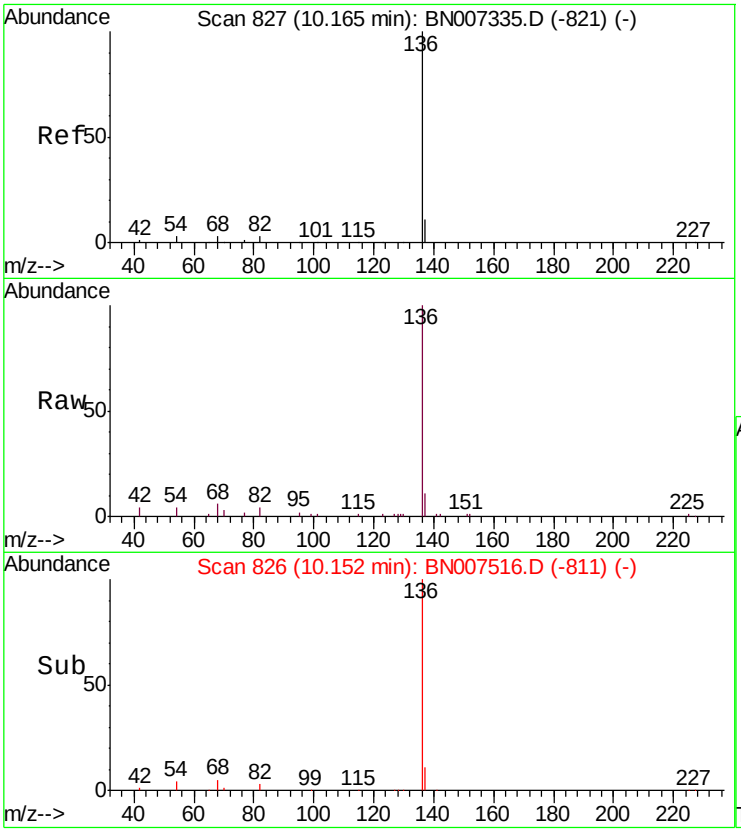


#6
bis(2-Chloroethyl)ether
Concen: 0.316 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion: 93 Resp: 5756

Ion	Ratio	Lower	Upper
93	100		
63	62.5	51.9	77.9
95	32.0	27.7	41.5



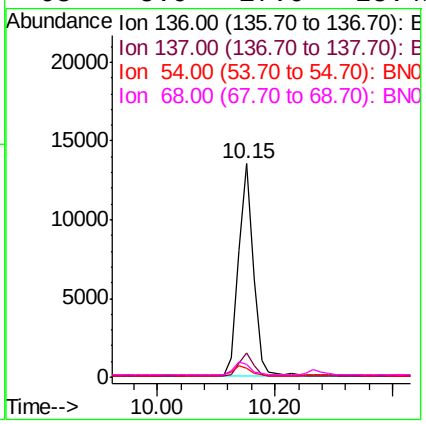


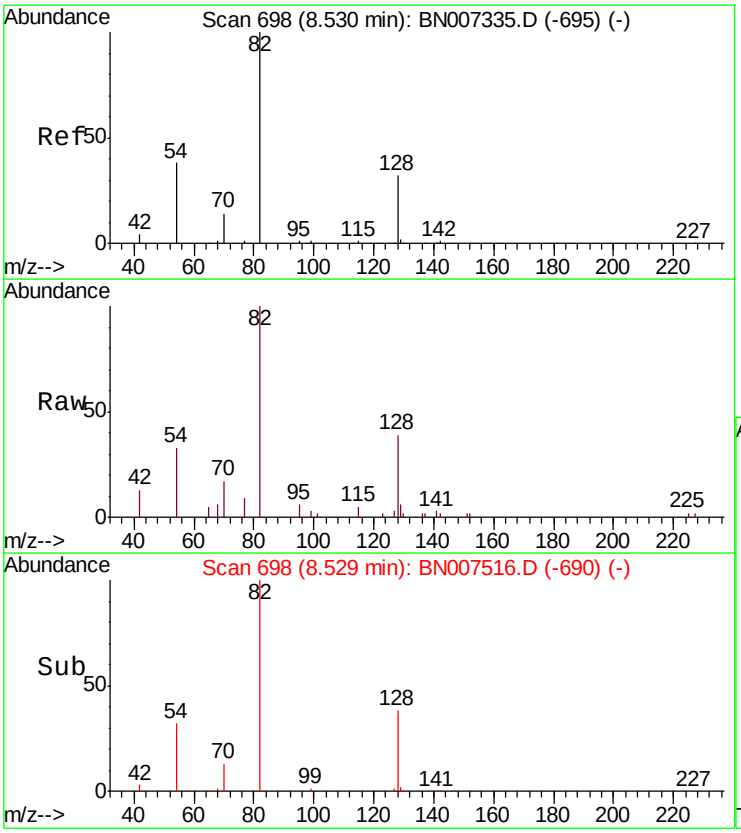
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:136 Resp: 23374

Ion	Ratio	Lower	Upper
136	100		
137	11.4	12.9	19.3#
54	4.4	8.6	12.8#
68	5.9	17.0	25.4#

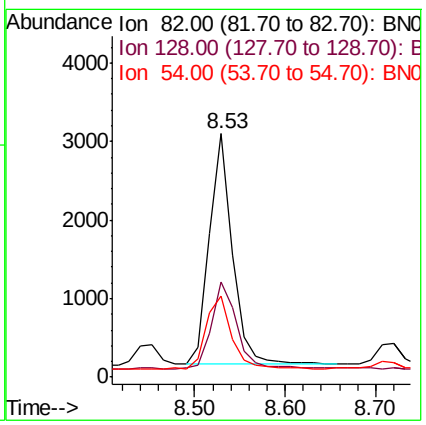


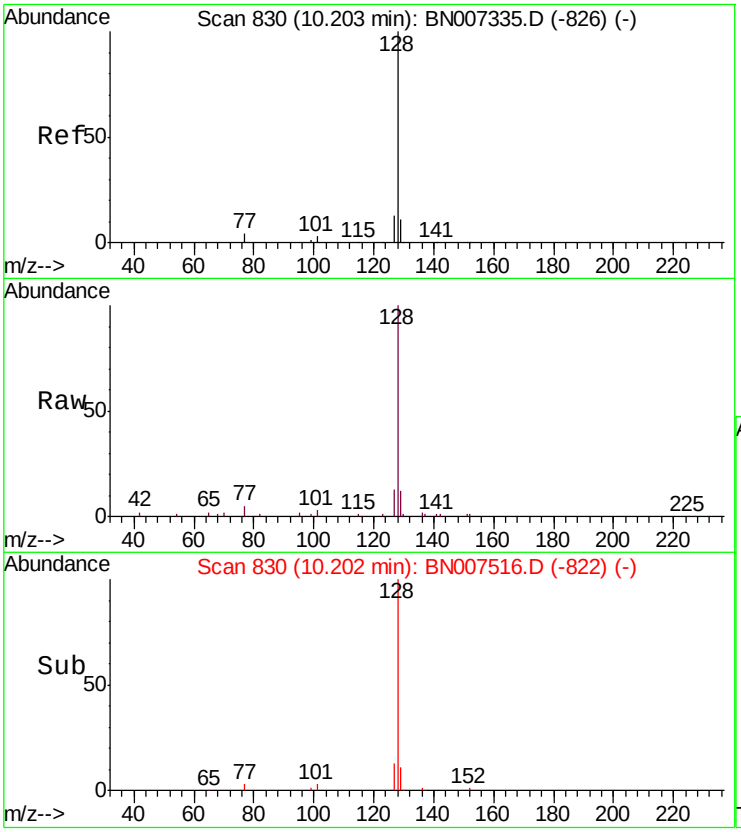


#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion: 82 Resp: 5194

Ion	Ratio	Lower	Upper
82	100		
128	38.9	19.7	29.5#
54	33.2	25.8	38.6



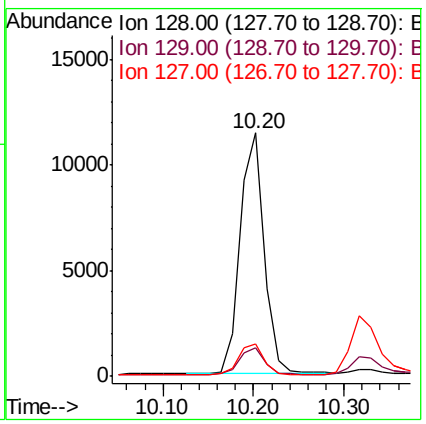


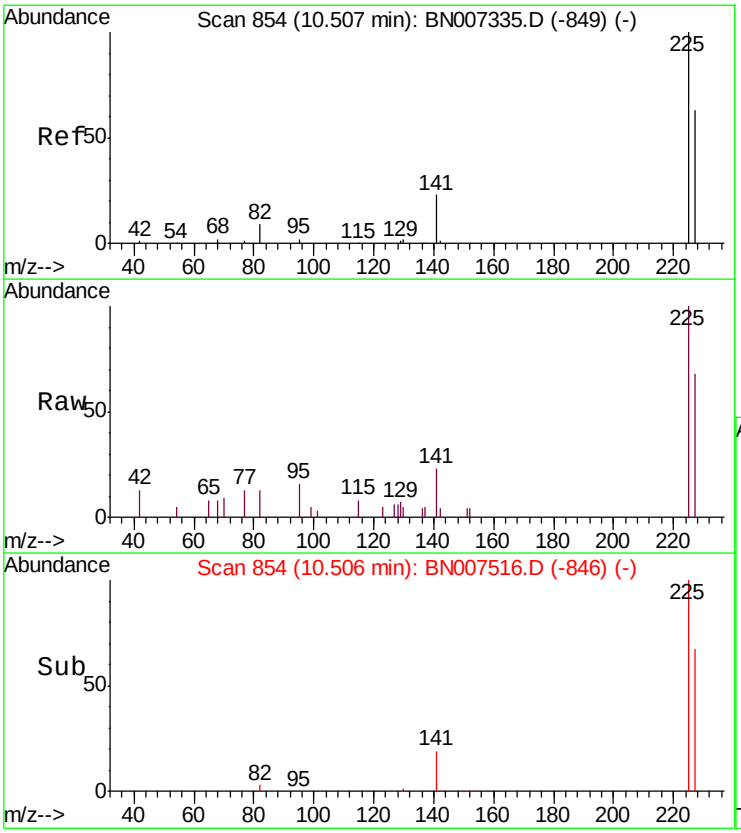
#9
Naphthalene
Concen: 0.316 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:128 Resp: 21111

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.1	16.7
127	13.4	15.5	23.3#

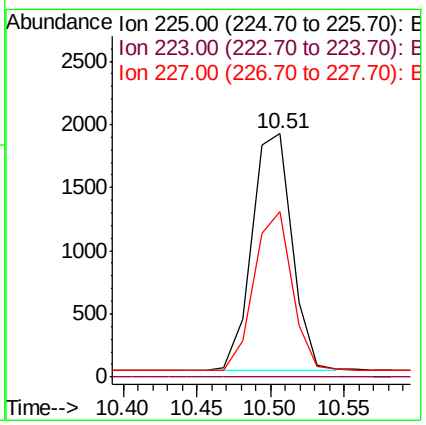


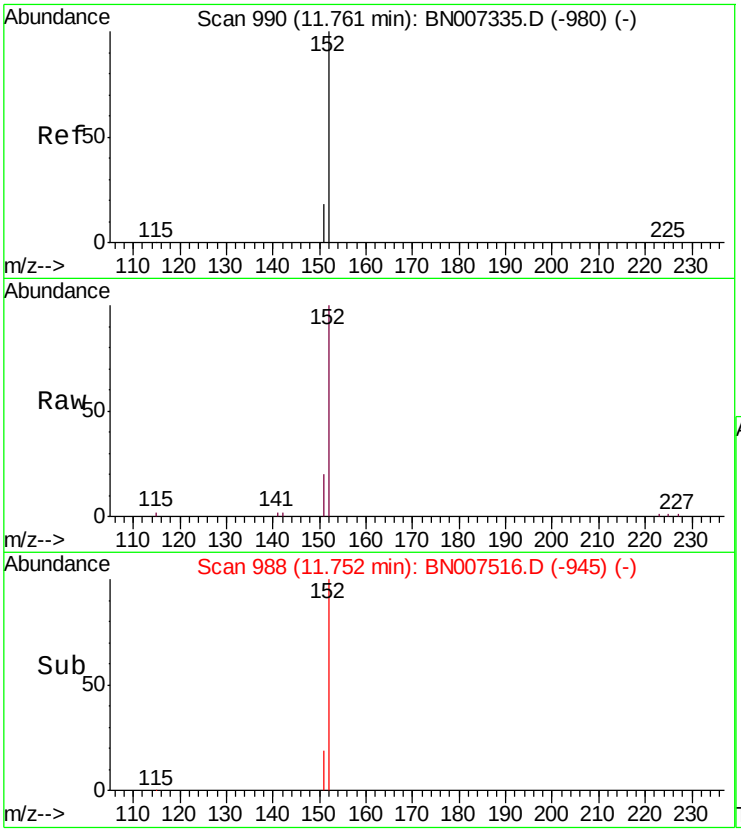


#10
Hexachlorobutadiene
Concen: 0.260 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.00 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:225 Resp: 3562

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.7	76.1



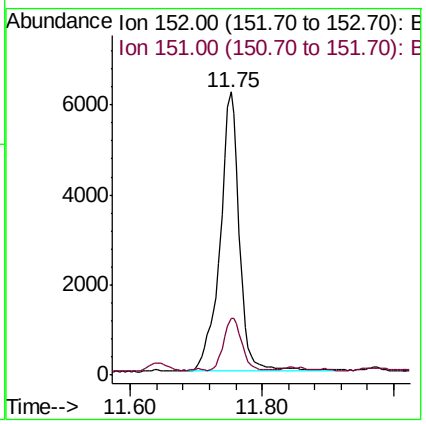


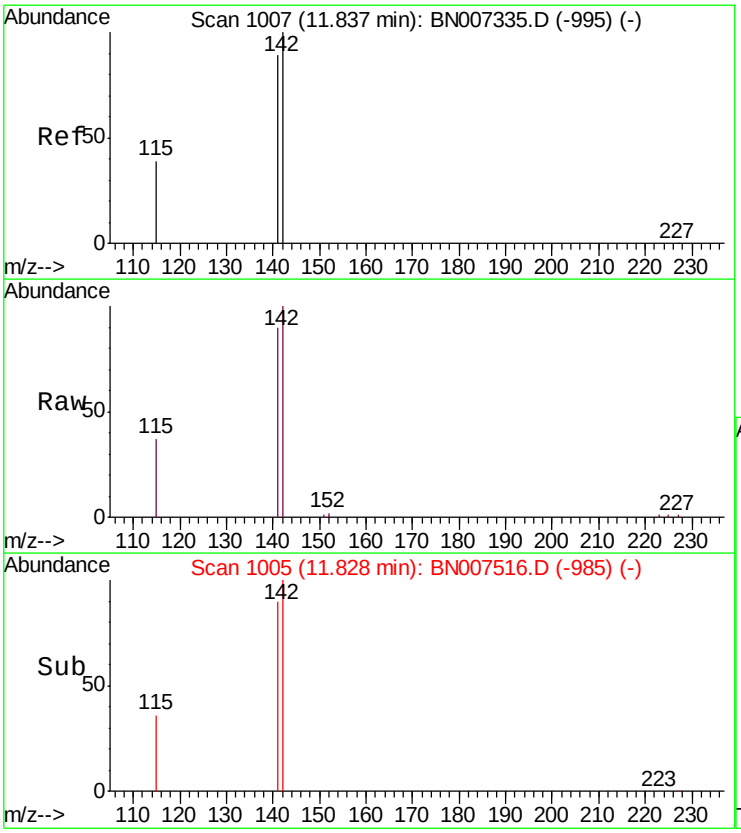
#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:152 Resp: 12686

Ion	Ratio	Lower	Upper
152	100		
151	17.3	16.2	24.2

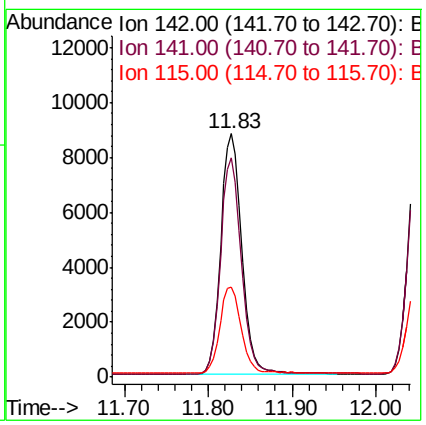


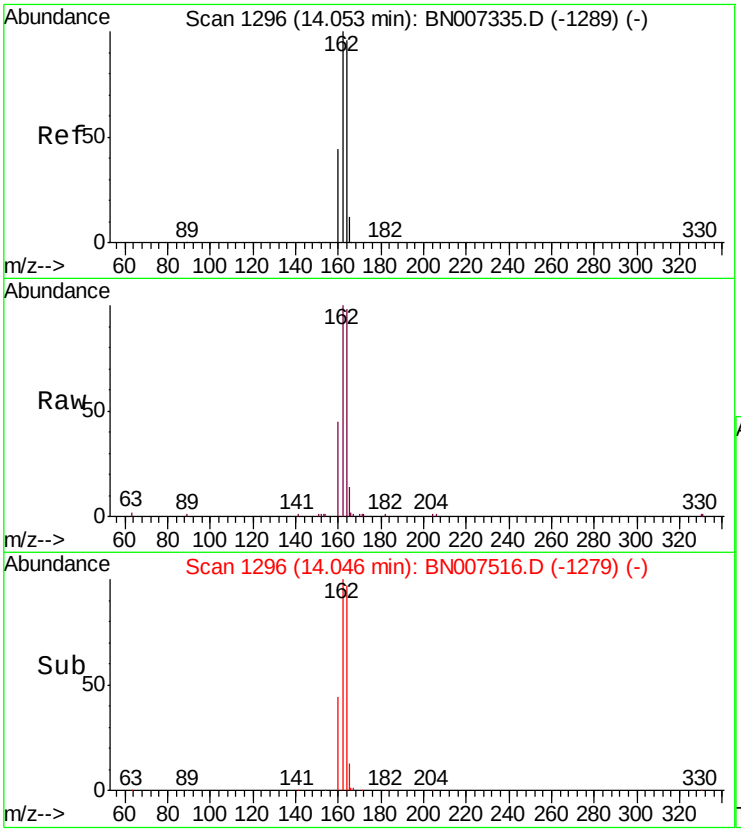


#12
2-Methylnaphthalene
Concen: 0.342 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:142 Resp: 15541

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.8	109.2
115	37.1	35.2	52.8



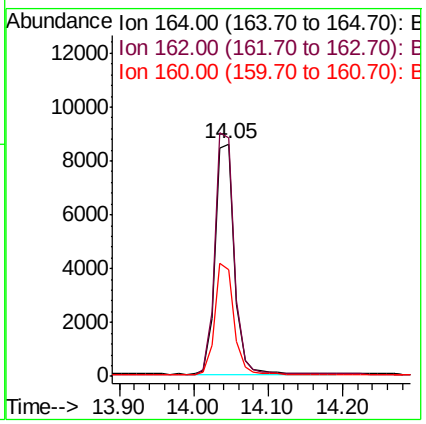


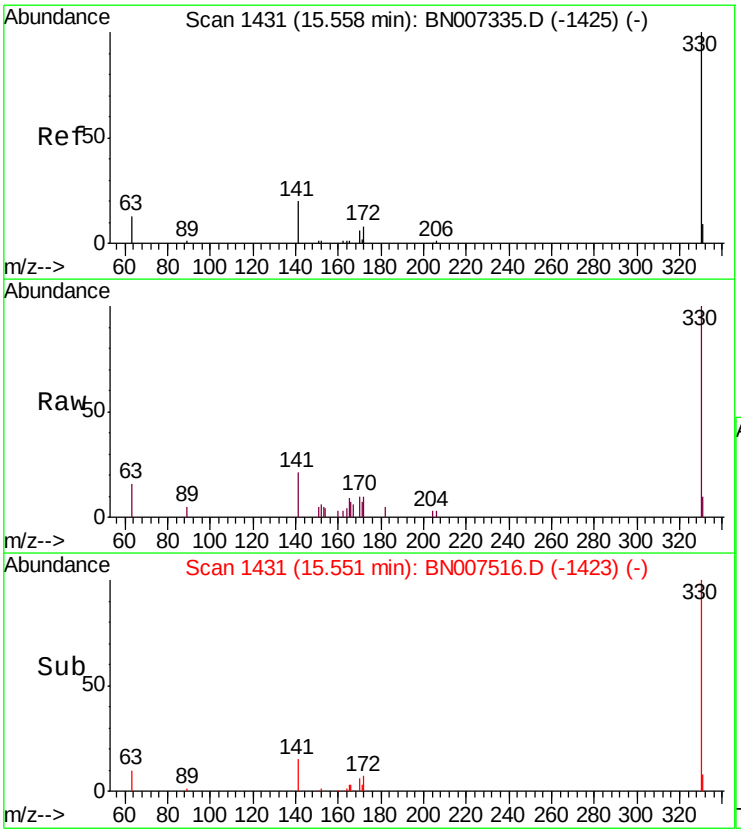
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:164 Resp: 15220

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.5	125.3
160	45.7	38.2	57.4

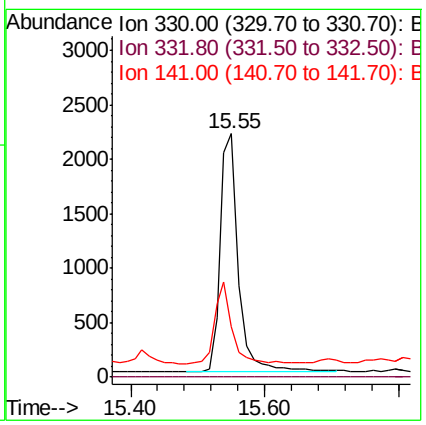


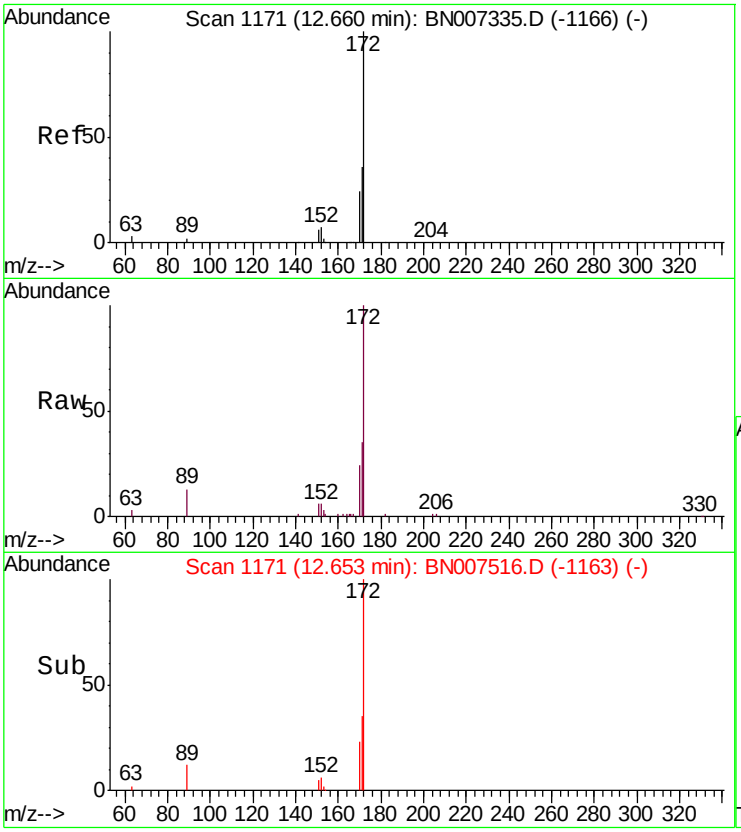


#14
2,4,6-Tribromophenol
Concen: 0.526 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:330 Resp: 4190

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.4	26.9	40.3



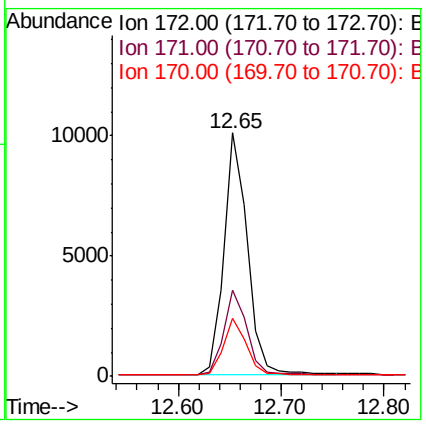


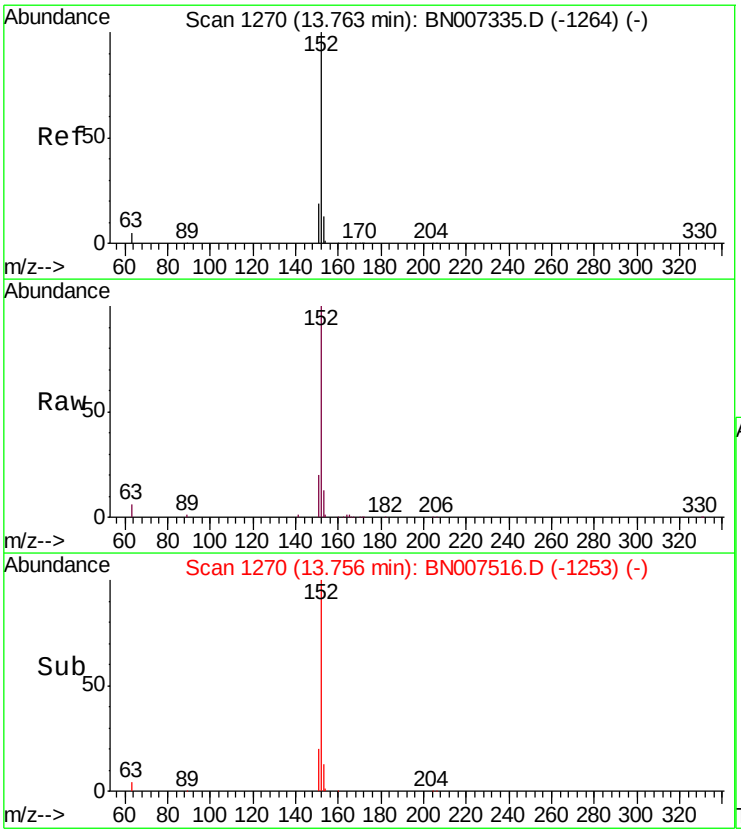
#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:172 Resp: 16028

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.3	45.5
170	23.9	20.7	31.1

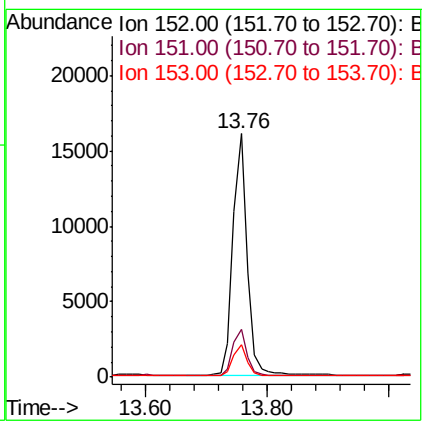


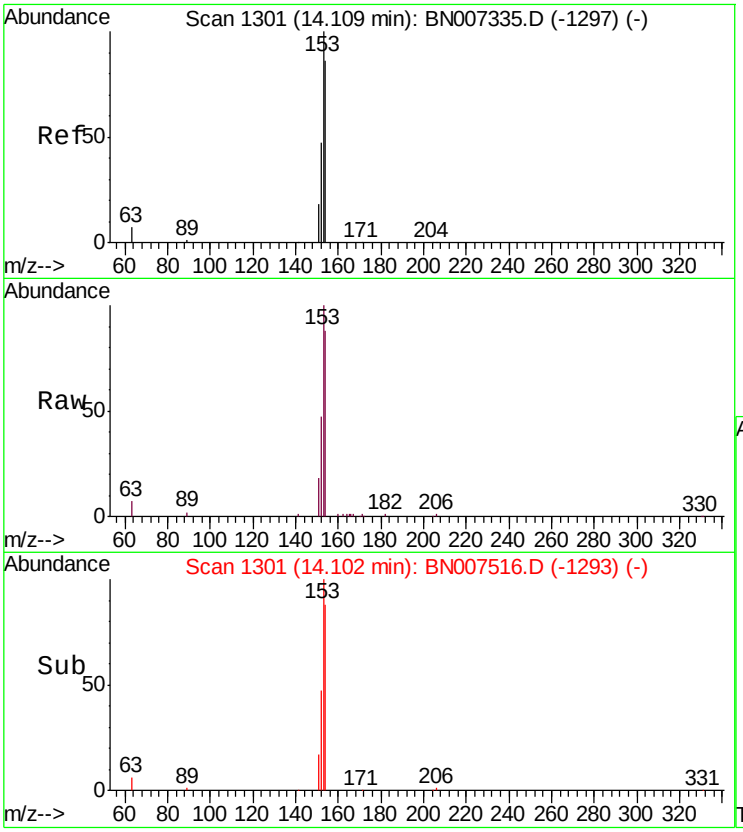


#16
Acenaphthylene
Concen: 0.291 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:152 Resp: 26248

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	12.9	10.6	15.8



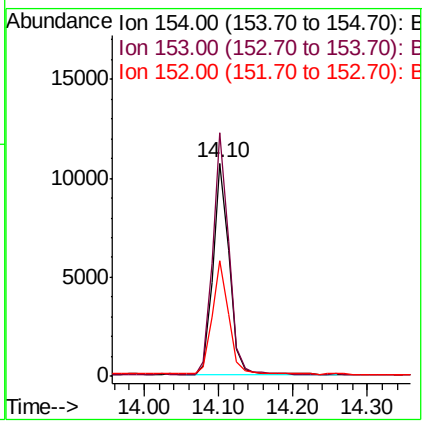


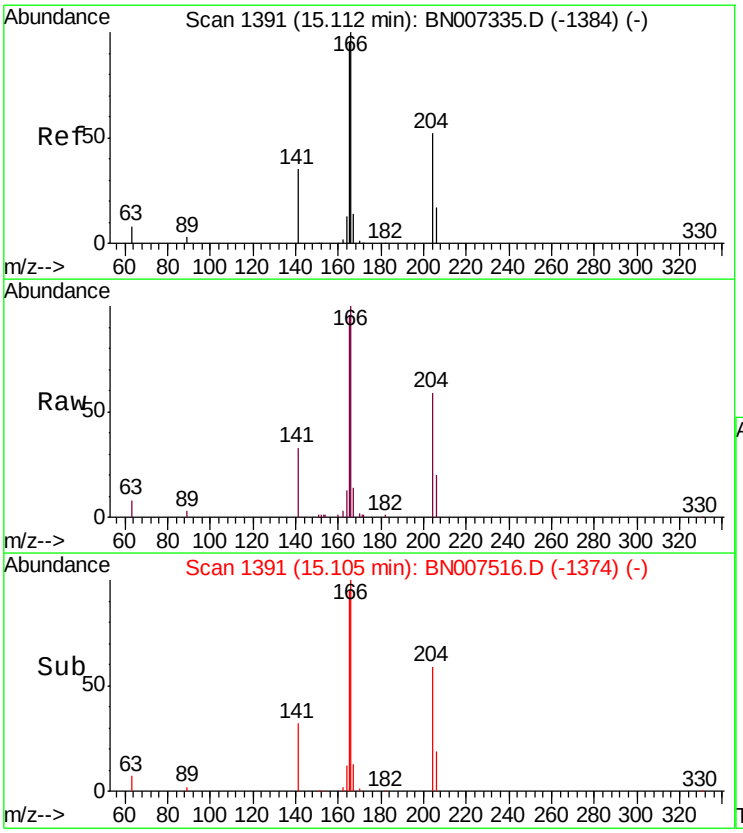
#17
Acenaphthene
Concen: 0.303 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:154 Resp: 15972

Ion	Ratio	Lower	Upper
154	100		
153	114.5	92.8	139.2
152	54.3	43.8	65.8

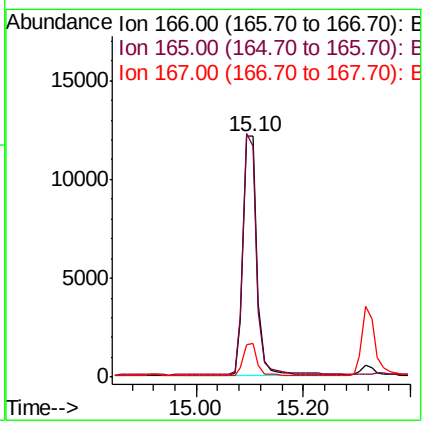


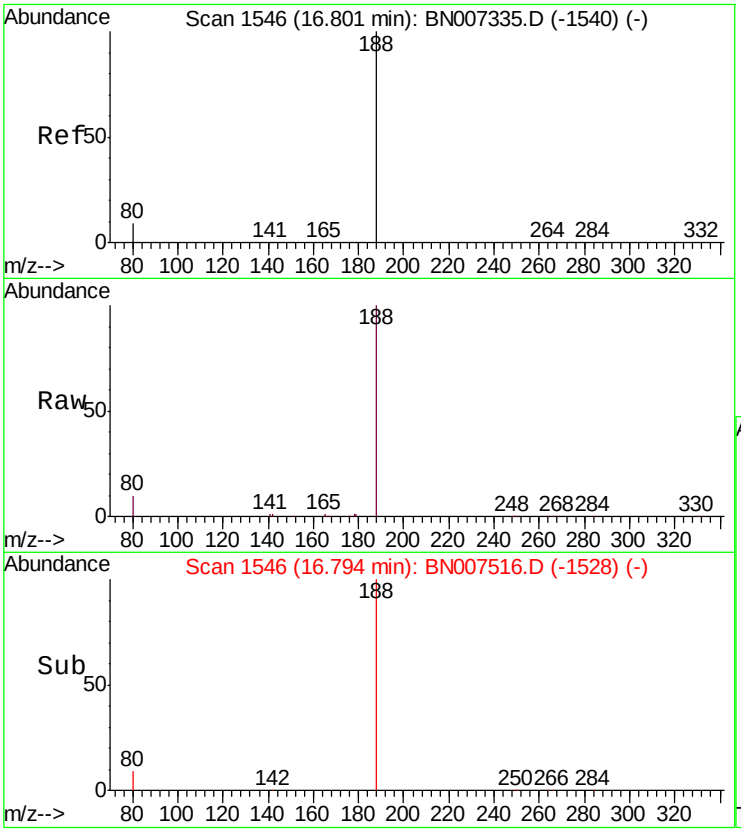


#18
Fluorene
Concen: 0.330 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:166 Resp: 21963

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	13.3	10.6	15.8



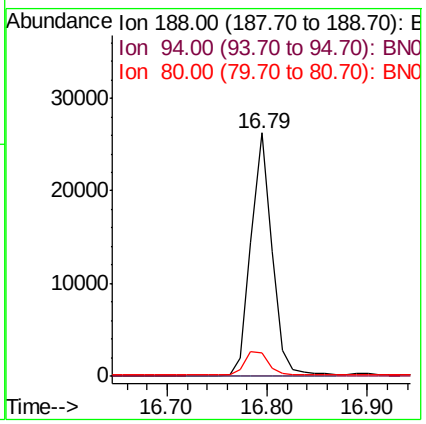


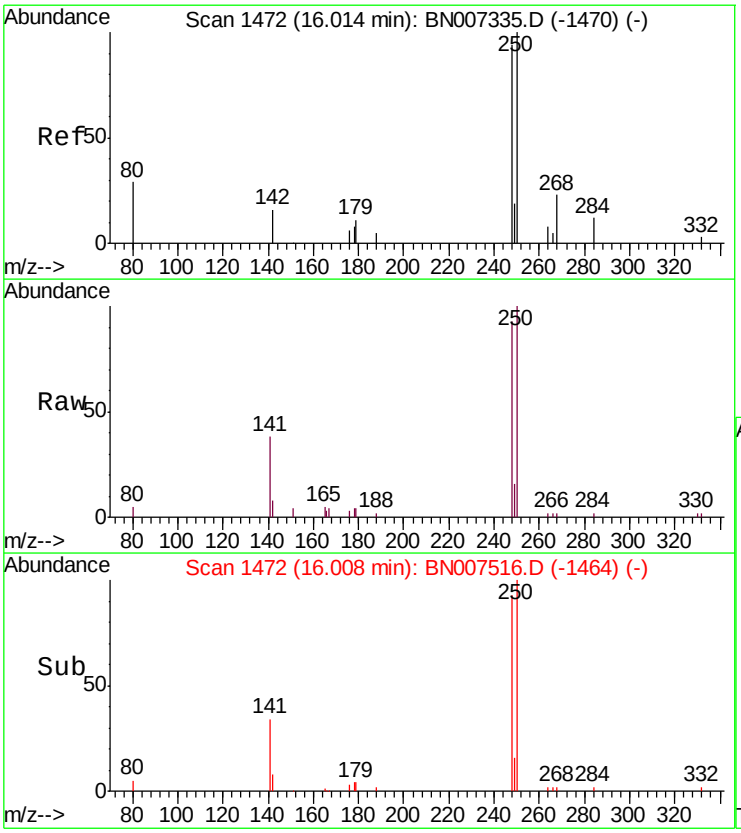
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:188 Resp: 38508

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	11.8	17.8#

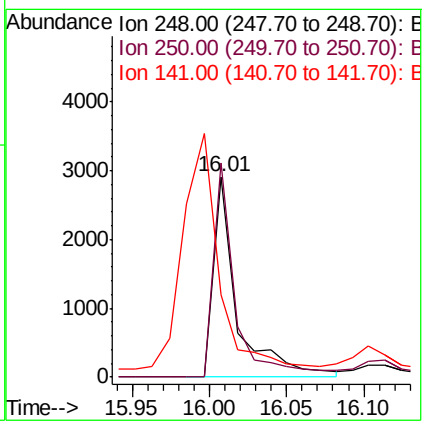


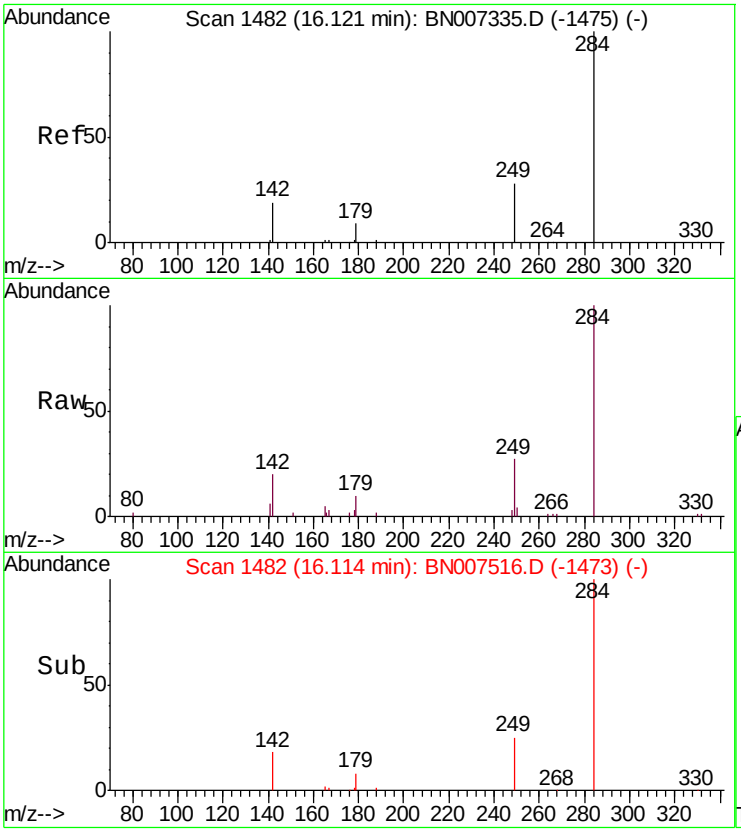


#20
4-Bromophenyl-phenylether
Concen: 0.207 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:248 Resp: 3136

Ion	Ratio	Lower	Upper
248	100		
250	107.1	85.0	127.6
141	41.2	51.7	77.5#



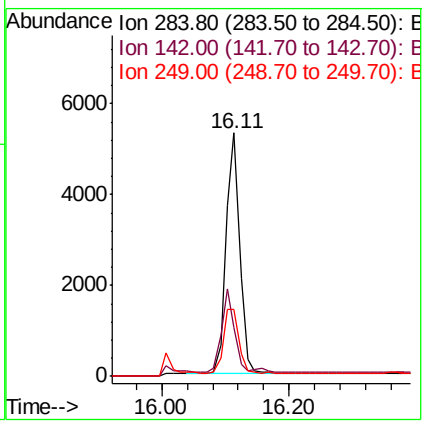


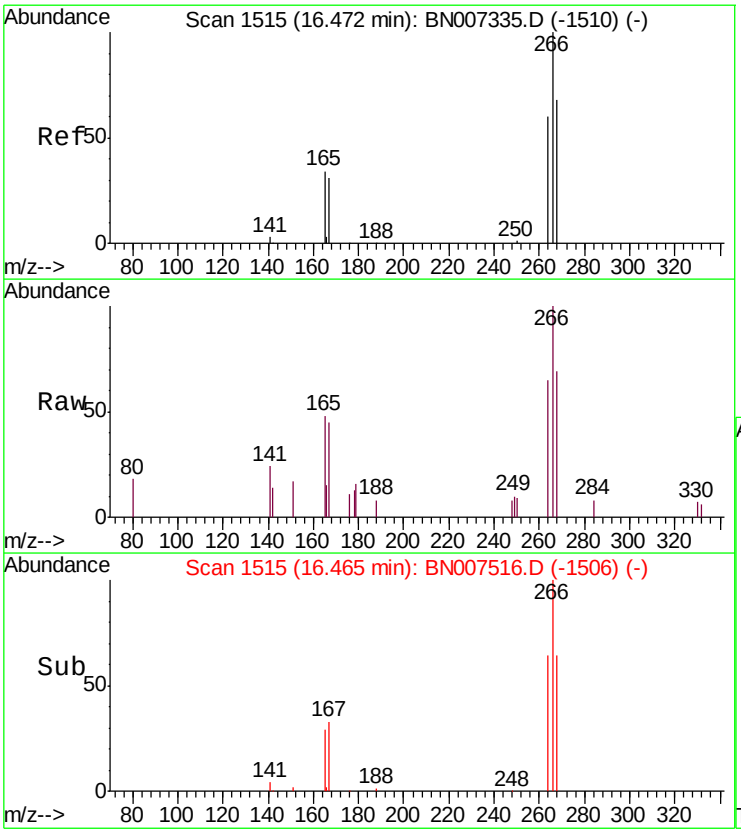
#21
Hexachlorobenzene
Concen: 0.303 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:284 Resp: 7824

Ion	Ratio	Lower	Upper
284	100		
142	33.9	29.0	43.6
249	29.4	24.9	37.3

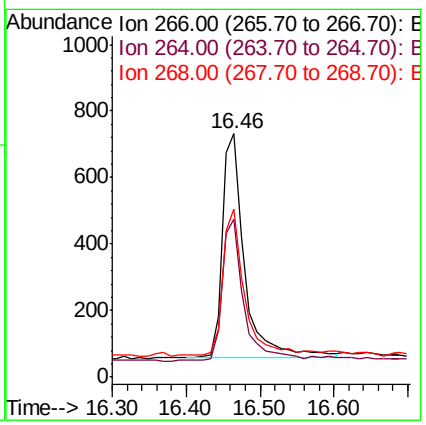


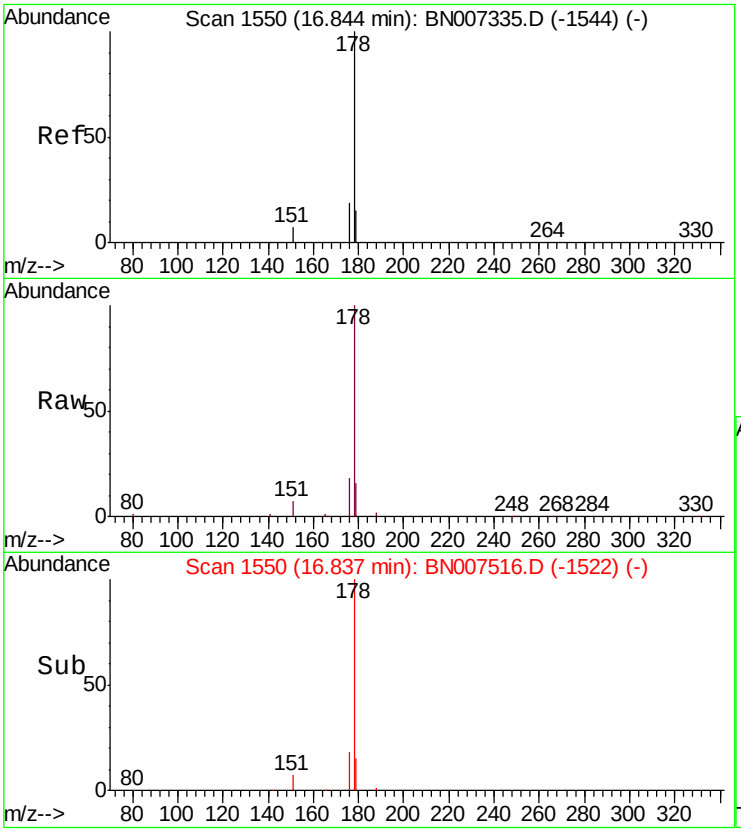


#22
Pentachlorophenol
Concen: 0.178 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:266 Resp: 1427

Ion	Ratio	Lower	Upper
266	100		
264	65.0	57.8	86.8
268	68.9	99.7	149.5#



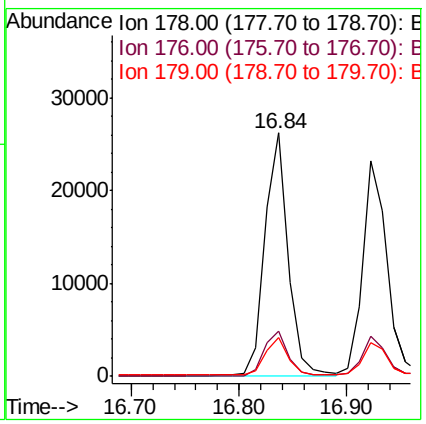


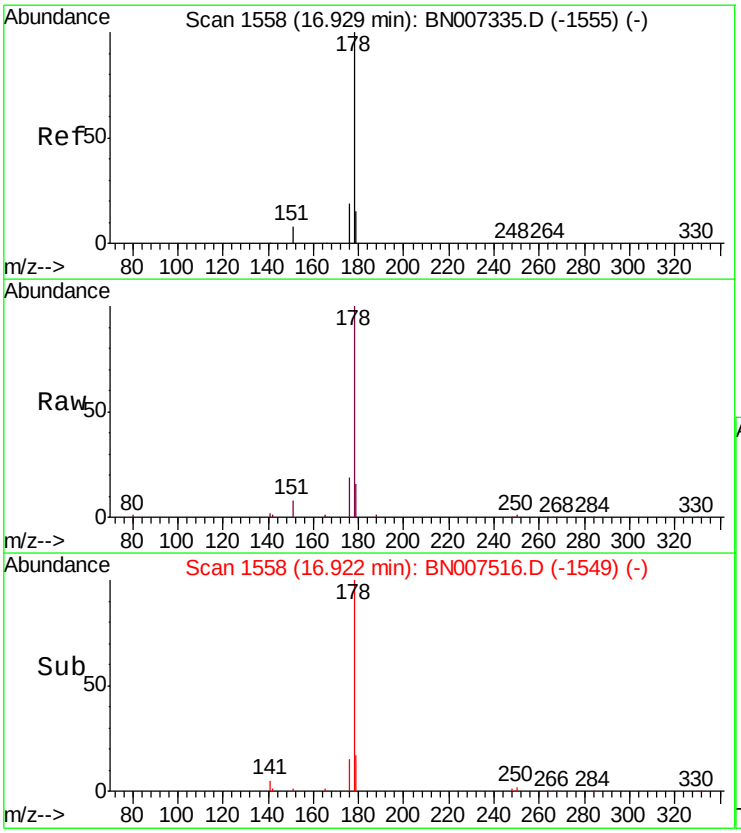
#23
Phenanthrene
Concen: 0.334 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:178 Resp: 38634

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.3	12.6	19.0

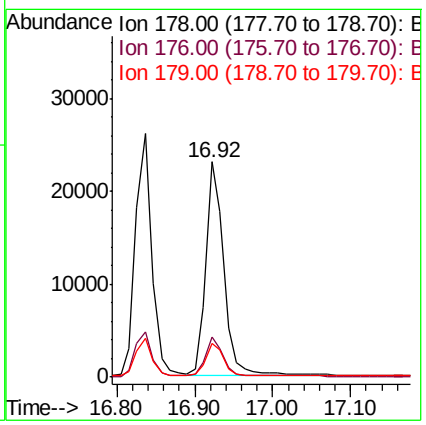


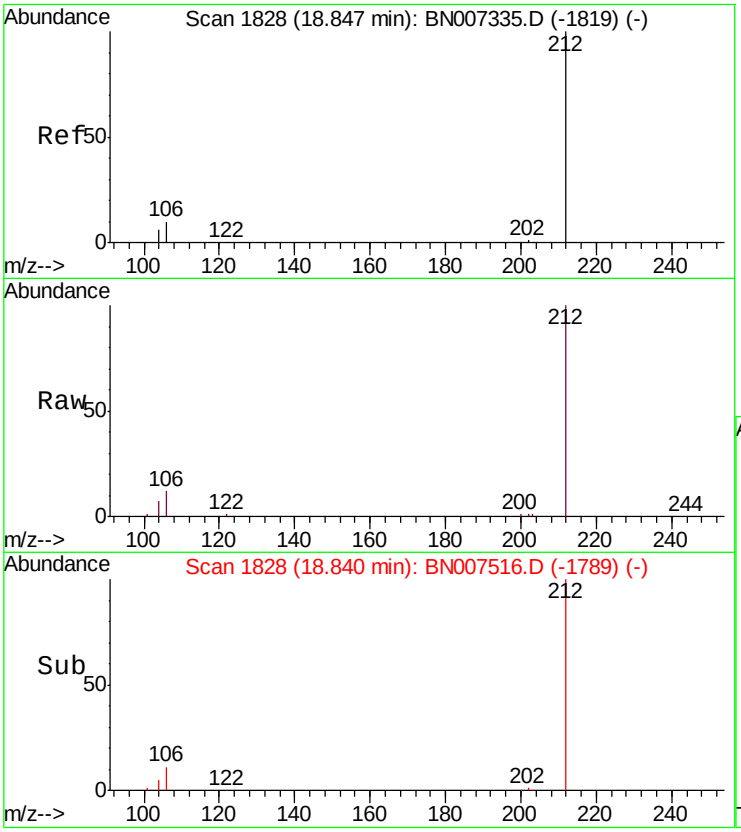


#24
Anthracene
Concen: 0.310 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:178 Resp: 36150

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	14.9	12.4	18.6



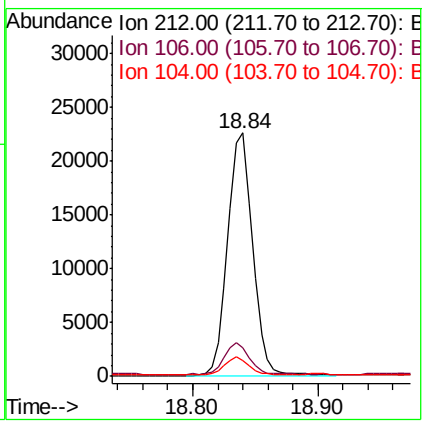


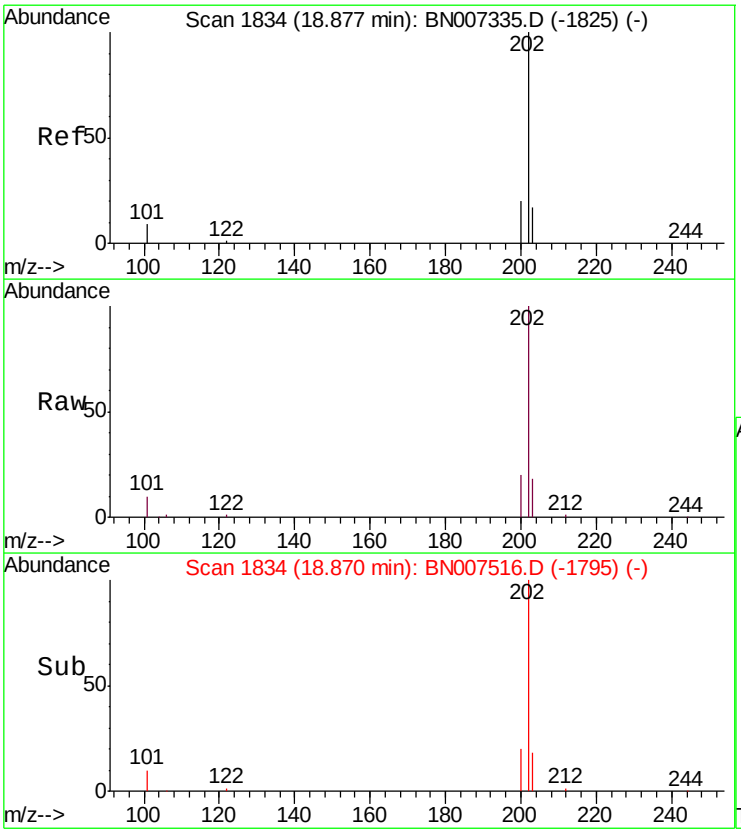
#25
Fluoranthene-d10
Concen: 0.250 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:212 Resp: 31044

Ion	Ratio	Lower	Upper
212	100		
106	13.0	9.0	13.4
104	7.2	5.4	8.2

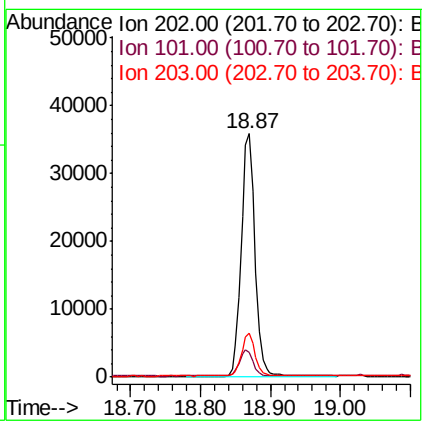


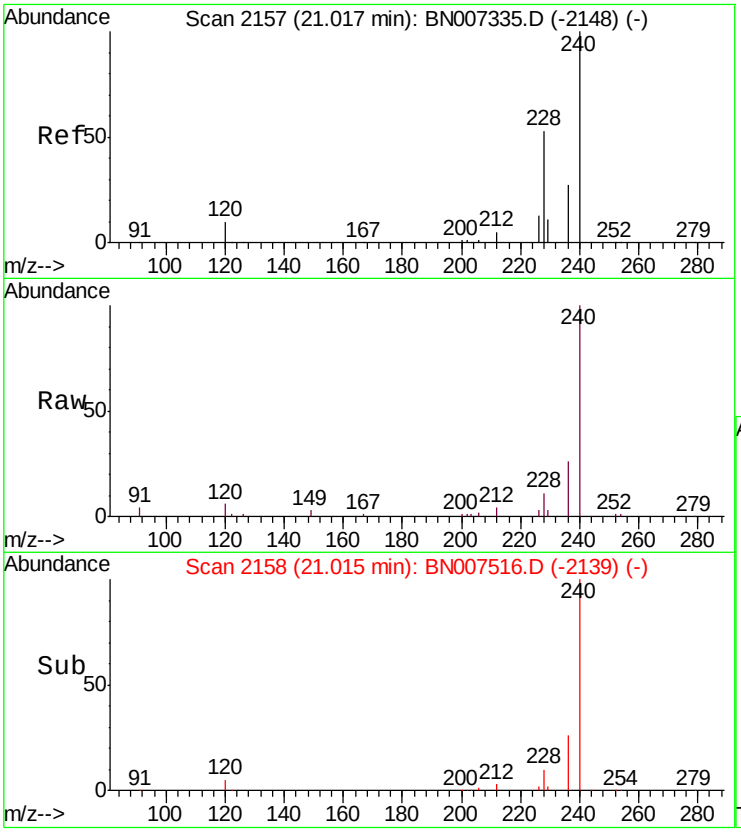


#26
Fluoranthene
Concen: 0.334 ng
RT: 18.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:202 Resp: 49742

Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.7	11.5
203	17.1	13.7	20.5



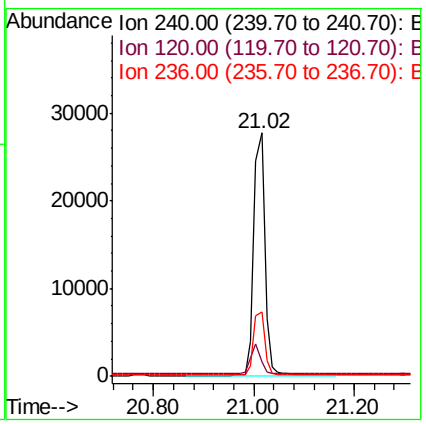


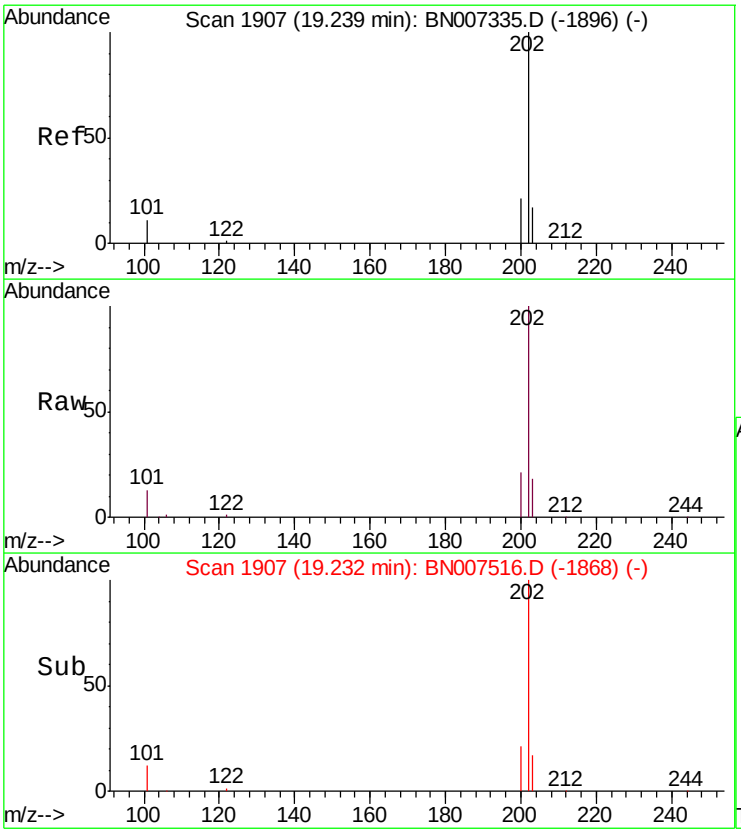
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:240 Resp: 41703

Ion	Ratio	Lower	Upper
240	100		
120	5.8	9.6	14.4#
236	26.3	22.2	33.2

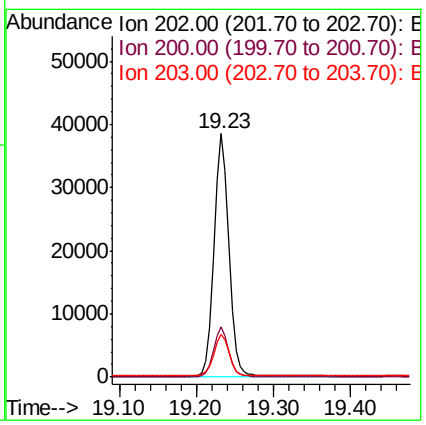


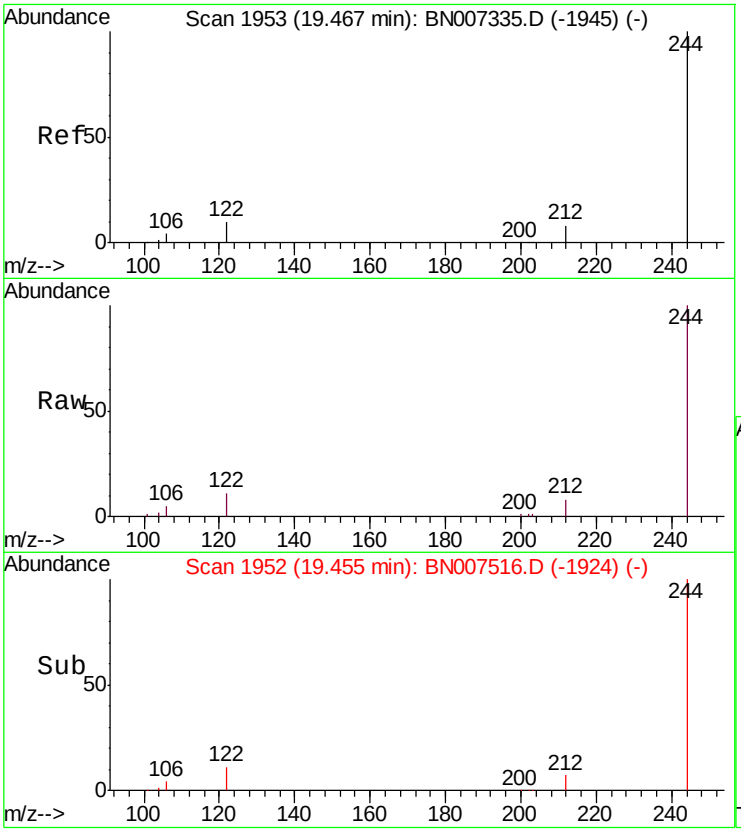


#28
Pyrene
Concen: 0.305 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:202 Resp: 51140

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	18.0	14.2	21.4



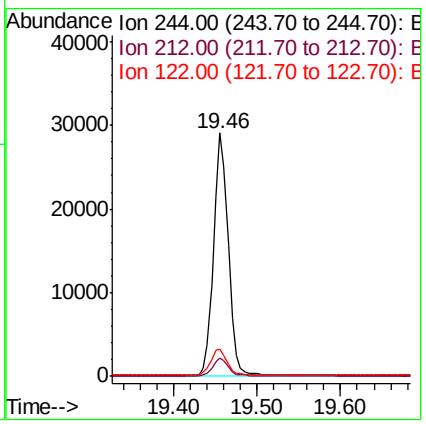


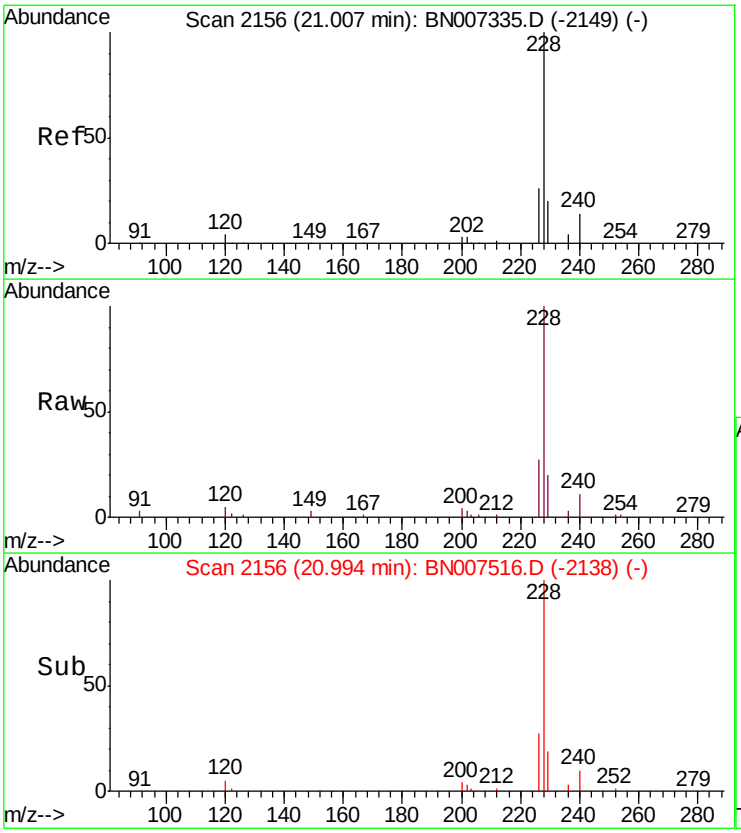
#29
Terphenyl-d14
Concen: 0.327 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:244 Resp: 35720

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.6
122	11.4	9.6	14.4

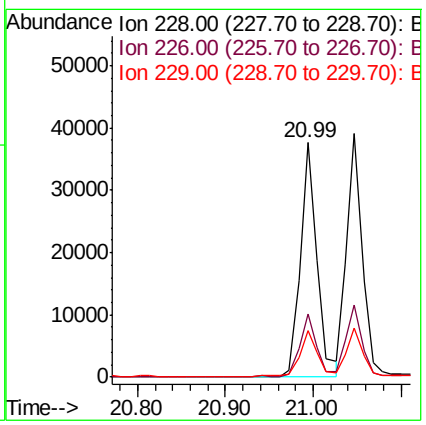


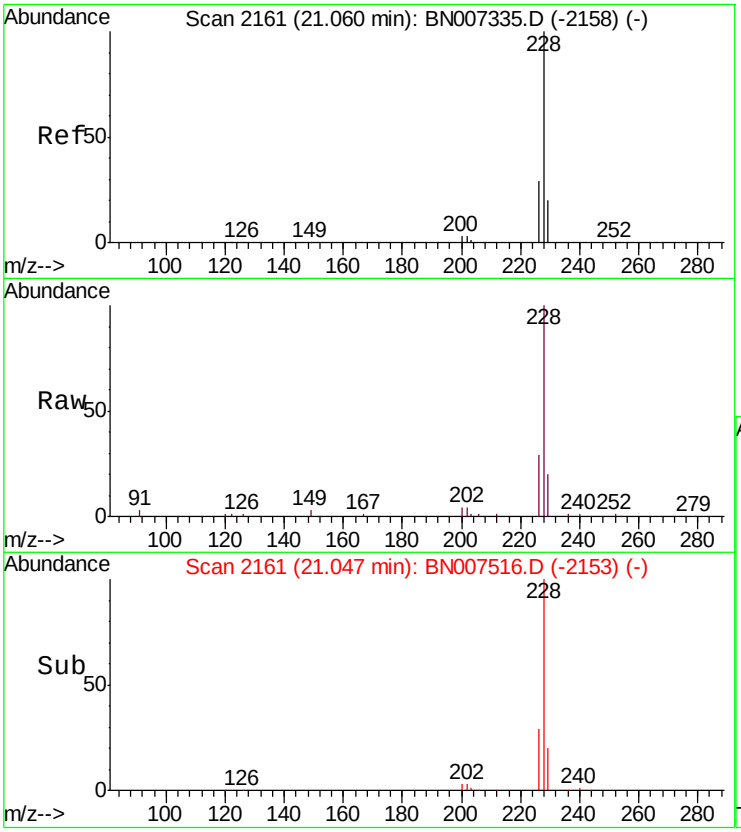


#30
Benzo(a)anthracene
Concen: 0.304 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:228 Resp: 49822

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	19.9	16.1	24.1



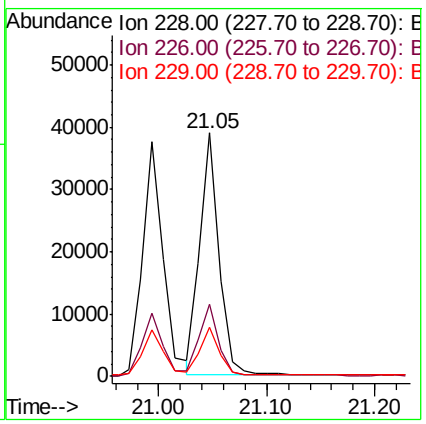


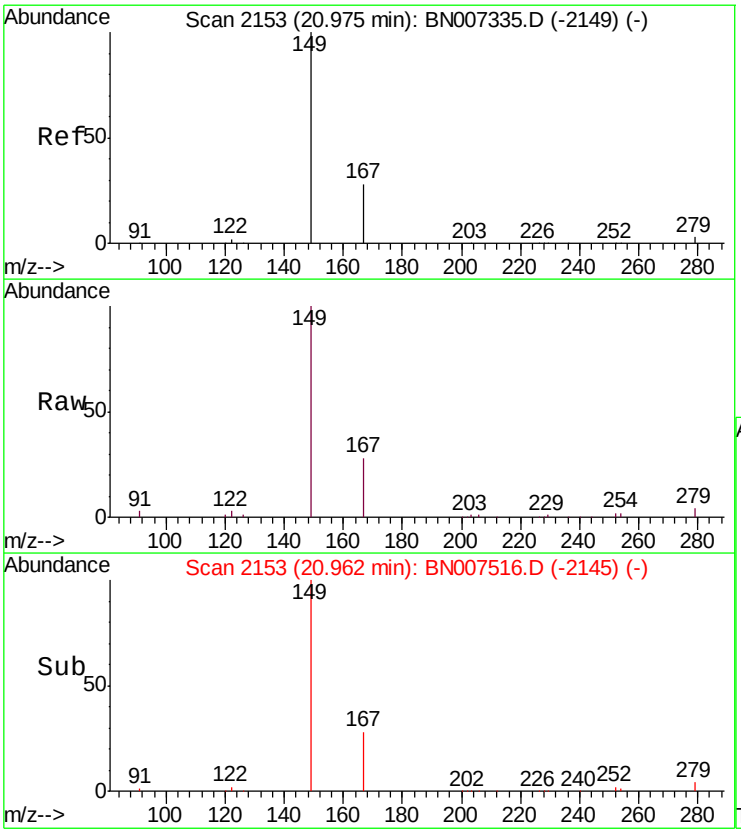
#31
Chrysene
Concen: 0.304 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:228 Resp: 48022

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	20.1	16.6	24.8

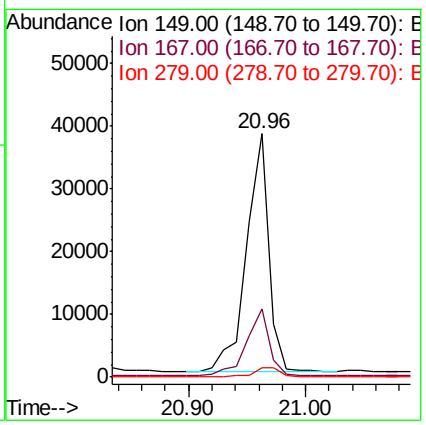


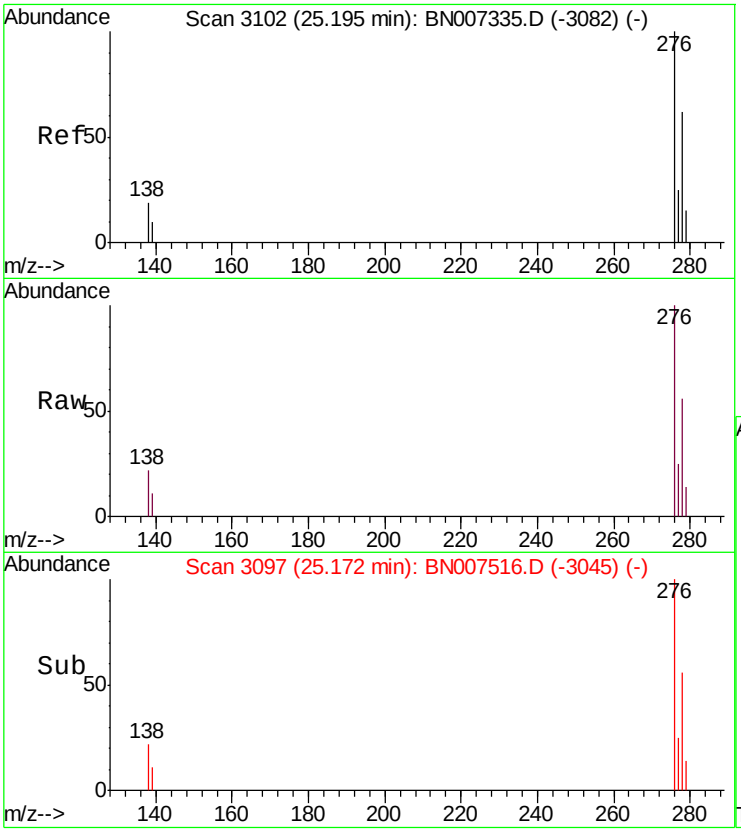


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.458 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:149 Resp: 50524

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	4.2	3.5	5.3



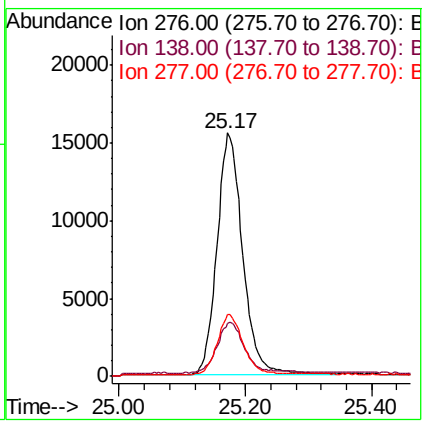


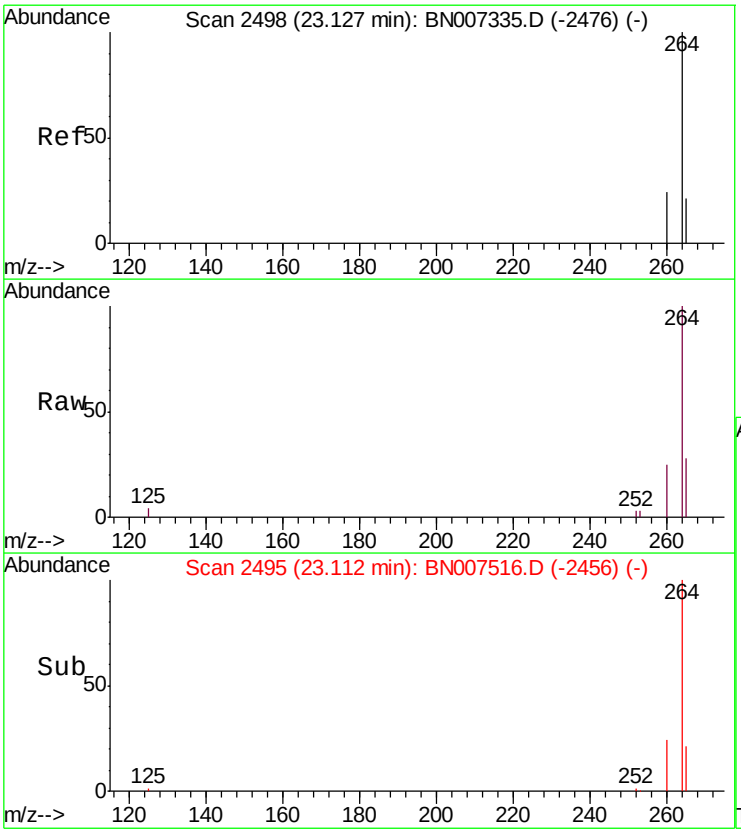
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng
RT: 25.17 min Scan# 3097
Delta R.T. -0.02 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:276 Resp: 44050

Ion	Ratio	Lower	Upper
276	100		
138	21.3	15.1	22.7
277	24.4	19.7	29.5

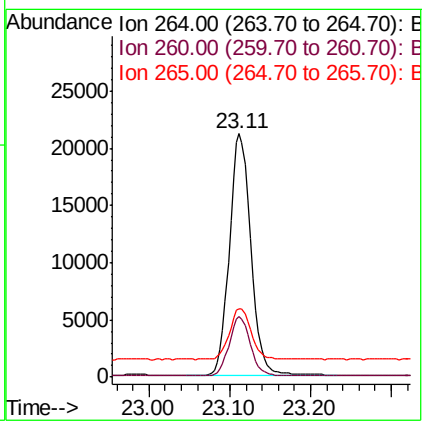


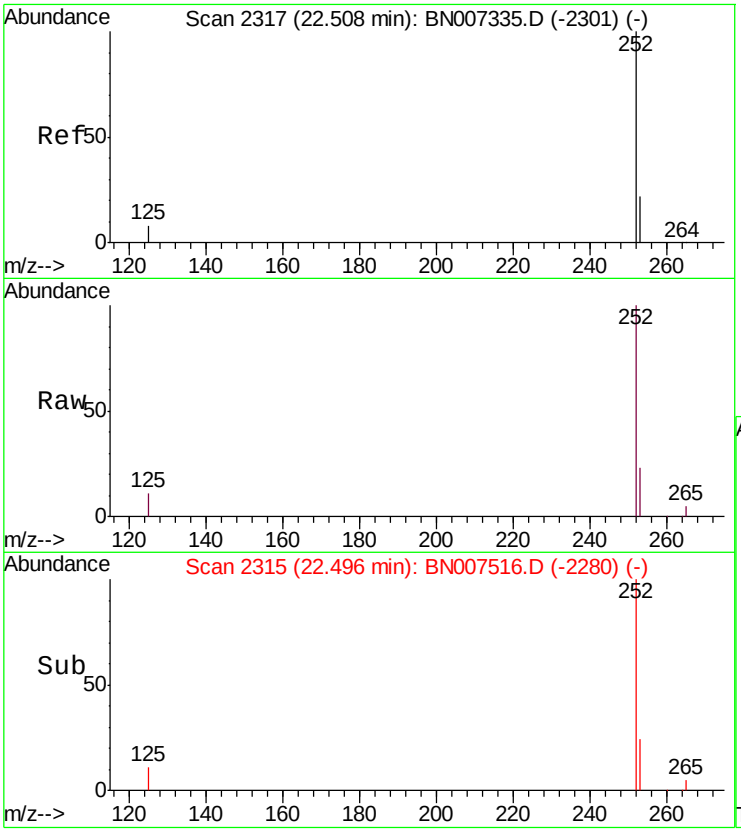


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:264 Resp: 39110

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	28.0	29.9	44.9#



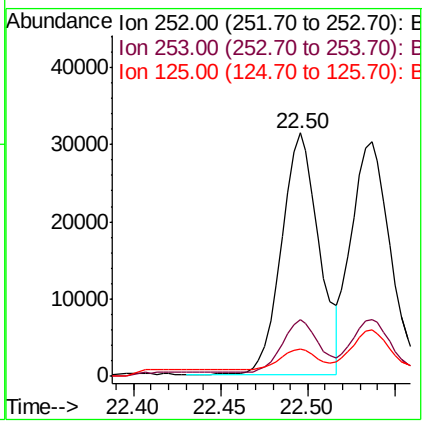


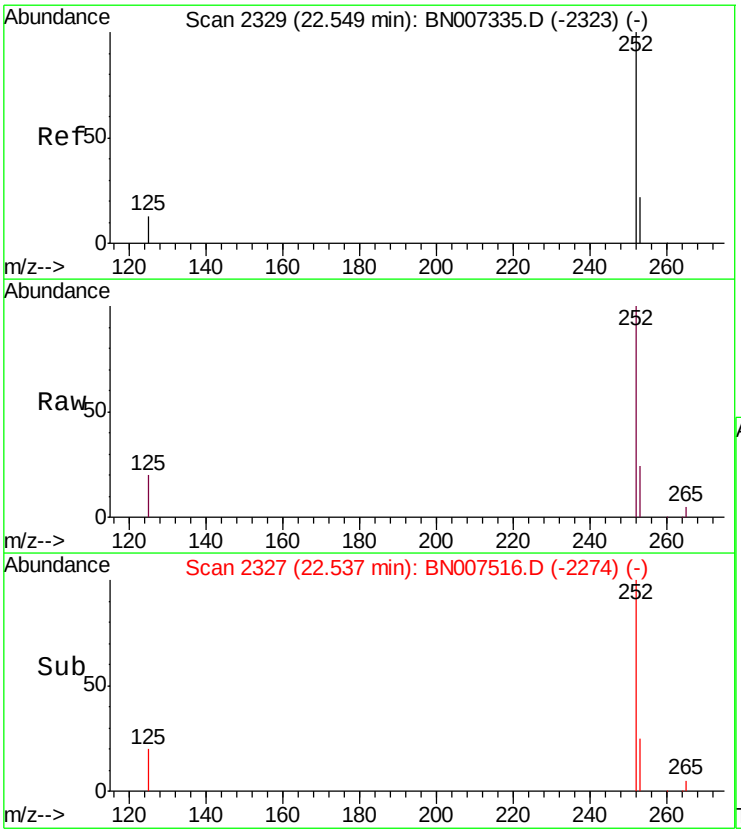
#35
Benzo(b)fluoranthene
Concen: 0.328 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:252 Resp: 46463

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	11.2	10.6	16.0

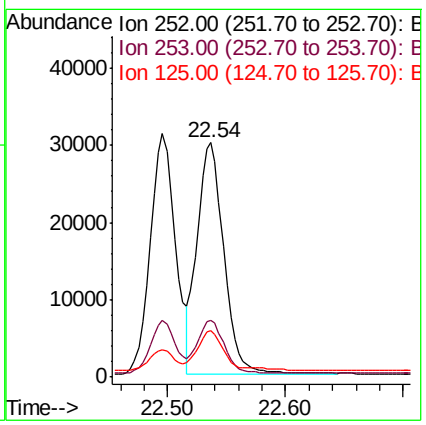


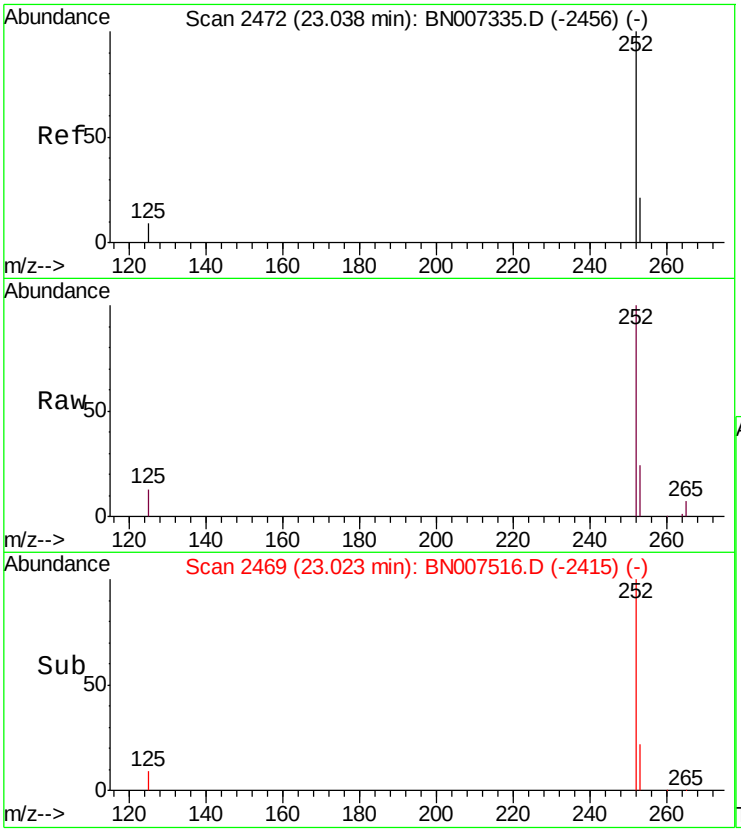


#36
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:252 Resp: 47270

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	19.7	13.1	19.7#



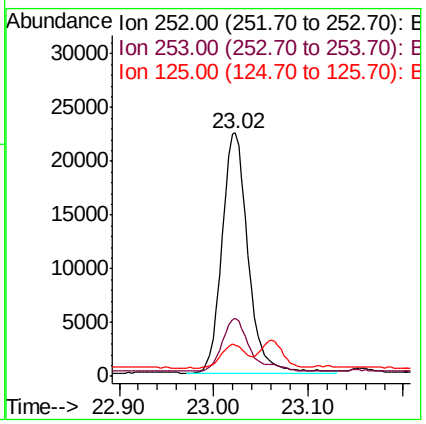


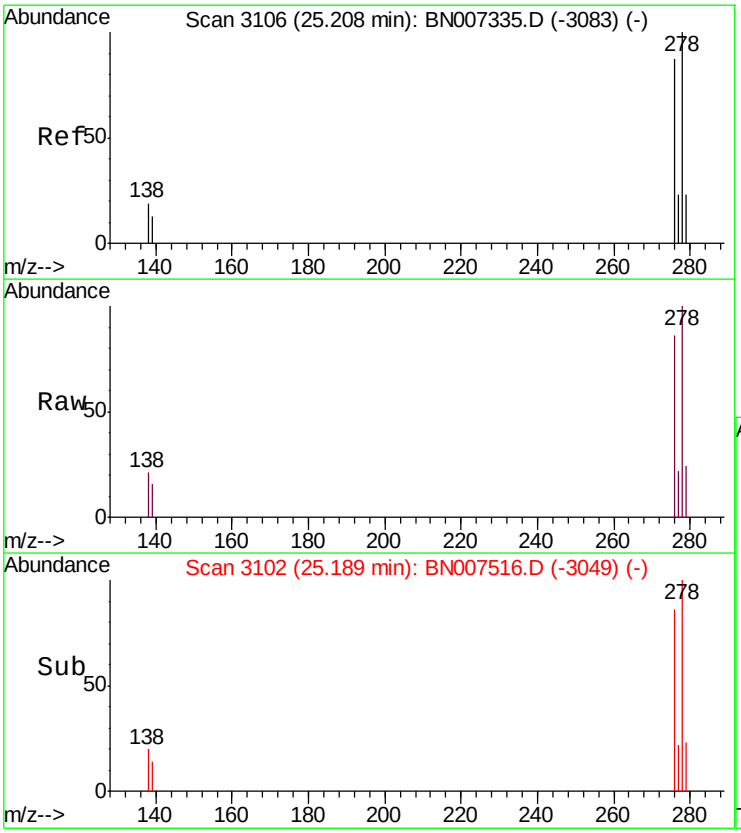
#37
Benzo(a)pyrene
Concen: 0.318 ng
RT: 23.02 min Scan# 2469
Delta R.T. -0.02 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:252 Resp: 42891

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.5	29.3
125	12.9	12.1	18.1

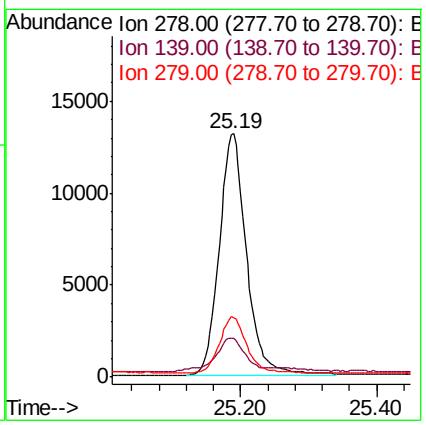


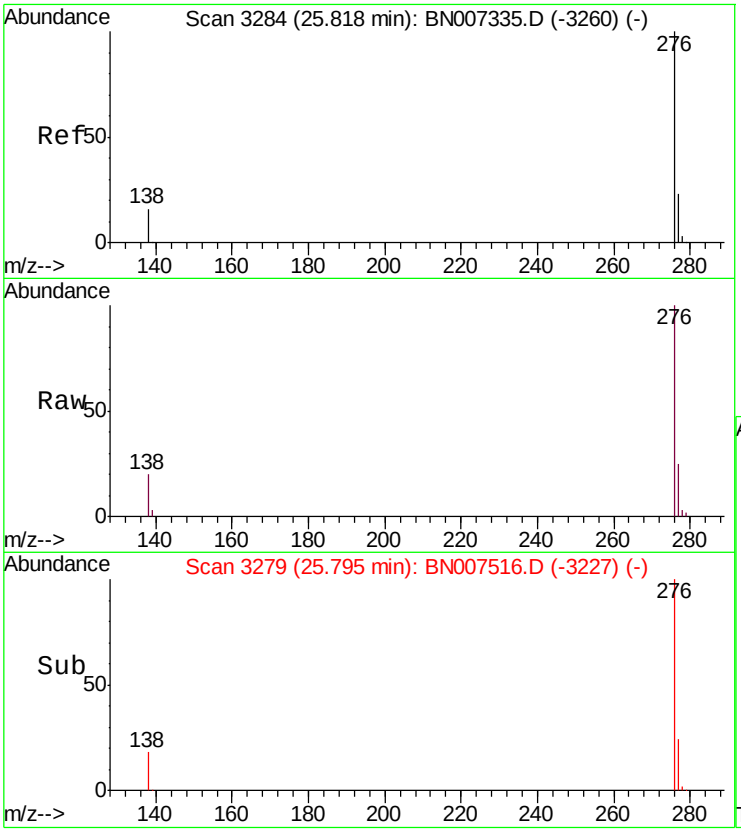


#38
Dibenzo(a,h)anthracene
Concen: 0.270 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Tgt Ion:278 Resp: 36374

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.7	20.5
279	24.4	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.270 ng
RT: 25.80 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BN007516.D
Acq: 29 Aug 2019 23:29

Instrument :
BNA_N
ClientSampleId :
TT-013-IDWSO-20190823MSD

Tgt Ion:276 Resp: 36221

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	20.0	16.3	24.5